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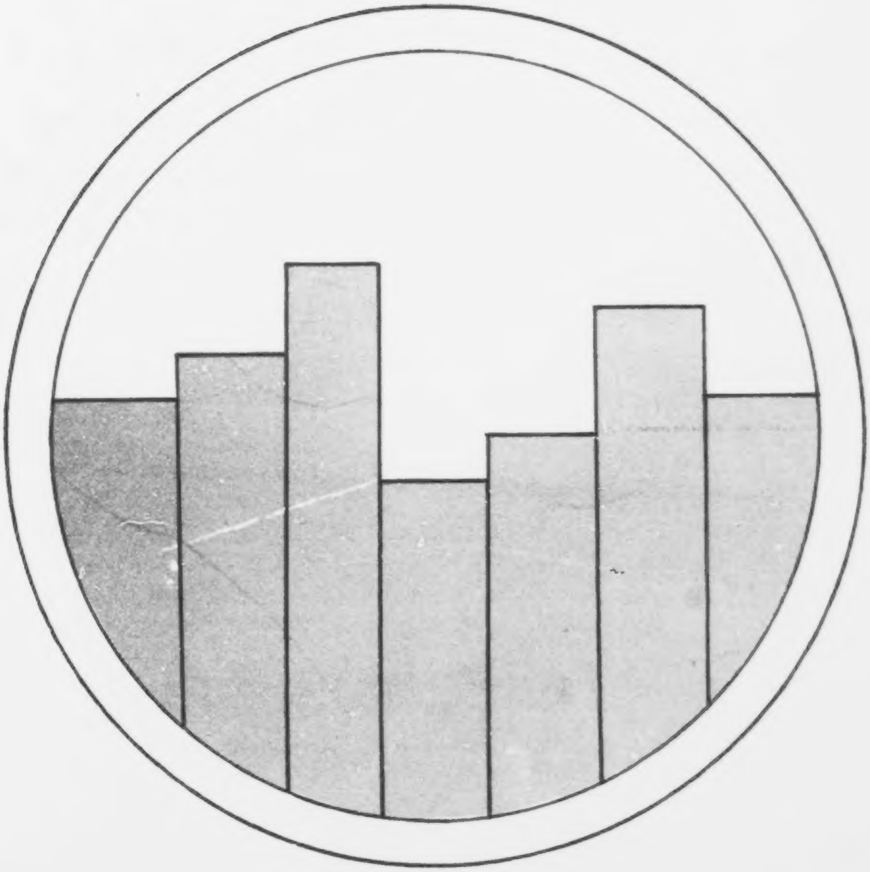
OKLAHOMA ECONOMIC INDICATORS

September 1979



OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

GEORGE NIGH, Governor
STATE OF OKLAHOMA

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE

Affiliated With the
UNITED STATES EMPLOYMENT AND TRAINING ADMINISTRATION

John Ray Green, *Chairman*

Representing Employers	*Representing Employees*
George Ollie, Jr.	**Bill Shields**
Roy Kendrick	**Clyde Smith**

Walter M. Rapp
Executive Director

The following is a list of public employment offices of the Oklahoma State Employment Service:

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HUGO 402 East Jackson	George Robison
IDABEL Hwy. 70 East Brinkley Drive	Jerry Lane
LAWTON 811 "D" Avenue	Jack Manley
McALESTER 1201 East Wyandotte	Venetta Welsh
MIAMI 100 "A" Avenue, N. E.	D. Wendell Prentice
MUSKOGEE 704 East Side Boulevard	Johnnie Leeds
NORMAN 300 North Crawford	Marcus Weatherall
OKLAHOMA CITY	
919 N. W. 23rd Street	Terry Watson
4100 S. Douglas	David Slimp
8720 S.E. Fifteenth Street	Roger Pendergast
4345 N. W. 50th Street	Jacci Wirth
717 South Service Rd., Moore	Lois Lackey
3740 Springlake Drive	Audrey F. Adams
OKMULGEE 108 West Fifth Street	Erna Wilson
PONCA CITY 2304 N. Fourteenth	Virgil E. Mehlig
POTEAU 305 Clayton	Neville M. Brehm
PRYOR 219 N. E. First Street	John Carter
SAPULPA 1612 South Main	Lucille Mitchell
SEMINOLE 111 North Fourth Street	Warren Schroeder
SHAWNEE 127 North Park	Phyllis Fuxa
STILLWATER 730 South Western	Terry Coleman
TAHLEQUAH 1611 South Muskogee	Gary Harrington
TULSA	
818 South Boston	Gene Hunter
3105 East Skelly Drive	Peggy Phillips
11322B East 21st Street	Richard Robey
5025 North Peoria	Vacie Deal
401-J E. Broadway, Sand Springs	Rex Terrill
WOODWARD 1106 Texas Avenue	Kenneth Alexander

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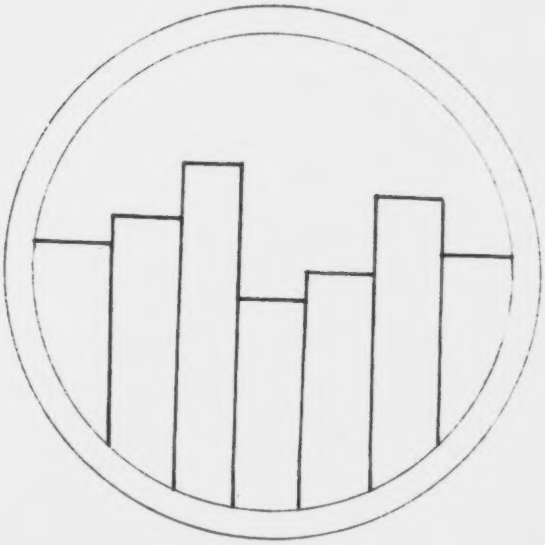
OKLAHOMA ECONOMIC INDICATORS



"Oklahoma Economic Indicators" is published monthly by the Oklahoma Employment Security Commission Research and Planning under the supervision of **Bill Hunter.** The compilation, analysis and narrative description of data is provided by **Roger Jacks.** Copies are available at no cost on request. For additional information, please write or call Oklahoma Employment Security Commission, Research and Planning, 310 Will Rogers Memorial Office Building, Oklahoma City, Oklahoma 73105, AC 405 521 3735.

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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, ASSISTANT CHIEF

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OKLAHOMA ECONOMIC INDICATORS

September 1979

Oklahoma's economy stabilized somewhat during this report month as eight of the seasonally adjusted series advanced, five declined and one remained unchanged. Although most sectors of the economy continued to move unsteadily during the period, the economy has generally strengthened as evidenced by the large number of indicators continuing to record above year-ago readings. The current condition of the national economy and Oklahoma's previous economic trends could create a slight economic slowdown later in the year. Updated information for new business incorporations was not available at the time of this release.

Labor Market

The labor market gained momentum as five of the indicators increased, three decreased and one remained unchanged from a month earlier. Nonagricultural wage and salary employment moved faborably as did the man-hour index. However, nonagricultural job openings and job placements continued to decline slightly during August. The labor market strengthened during the month and with support from the other sectors of the economy could regain a generally upward course. Few of the labor market series have recorded dramatic changes in recent months, but most levels are above one year ago.

Business

The business sector stabilized during the month as two of the indicators recorded a gain and one recorded a loss. Construction contracts awarded and the average daily barrels of crude oil pipeline runs gained substantially in comparison to recent months. Uncertainty on the part of business to increase production seems to have temporarily returned, however, even though most of the indicators relating to business conditions were well above year-ago readings.

Finance

The financial series was mixed during August. Seasonally adjusted personal income declined slightly during the month as sales tax collections increased. Apparently, consumers are becoming reluctant to spend their increasing incomes on goods and services. The financial trends should improve with support from other areas of the economy.

OKLAHOMA ECONOMIC INDICATORS

Introductory Notes

The techniques and format are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, "Business Conditions Digest," issued by the Bureau of the Census. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide For Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ("5" = May)

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Broken line indicates actual monthly data where a moving average is plotted.

Parallel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.)

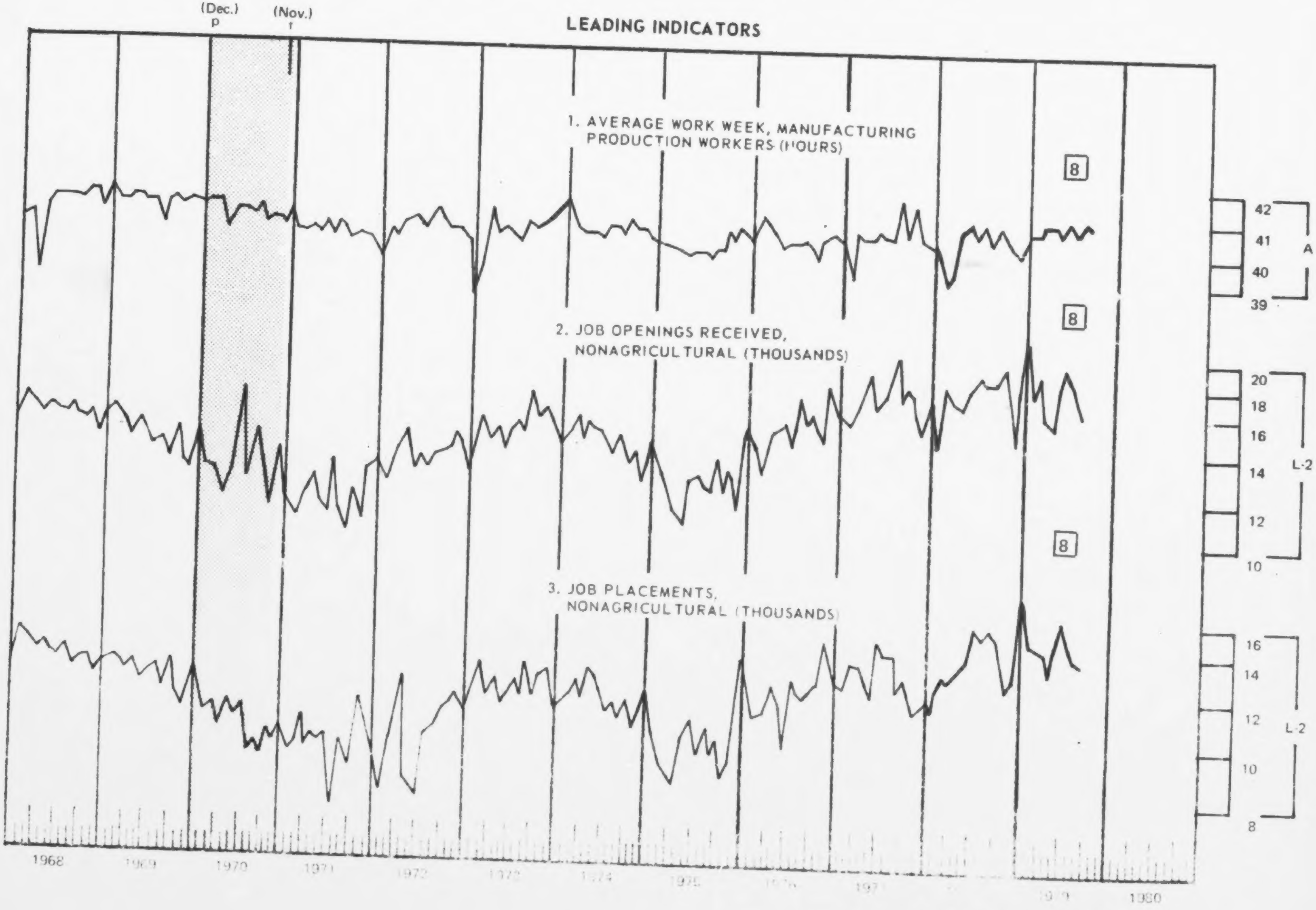
Four items pertaining to unemployment (series 4, 9, 10 and 16) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

CHANGE FROM PREVIOUS MONTH AND YEAR 1/

INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	August	40.6*	40.5*	40.6	40.6	- 0.2	- 0.2
2. Job Openings Received, Nonag. . .	Number	August	19,620	15,964	17,622	17,202	- 9.4	- 7.2
3. Job Placements, Nonag.	Number	August	17,430	14,610	14,850	14,932	- 1.6	- 2.2
4. Initial Claims, Average Weekly . .	Number	August	1,700	1,959	2,086	1,647	- 6.1	18.9
5. Construction Contracts	Thou. Dollars	August	151,637	160,293	122,575	158,744	30.8	1.0
6. New Business Incorporations . . .	Number	June						
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	August	404.8	402.4	395.8	421.9	1.7	- 4.6
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	August	1082.8*	1081.7*	1079.7	1036.0	1.9	4.4
9. Unemployment Rate, Total . . .	Percent	August	3.3*	3.3*	3.4	3.6	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	August	1.2	1.3	1.3	1.3	xxx	xxx
11. Man-Hour Index	1967 = 100	August	155.5*	154.6*	154.4	144.0	0.1	7.4
12. Personal Income	Million Dollars	June	1,899	1,858	1,872	1,648	- 0.7	12.7
13. Sales Tax Collections	Thou. Dollars	August	24,396	23,594	22,609	22,244	4.4	6.1
14. .								
15. Electrical Power Sales to Industrial Users	Million KWH	June	713	702	723	685	- 2.9	2.5
LAGGING INDICATORS								
16. Exhaustions, Unemployment Ins.	Number	August	1,013	928	1,242	970	- 25.3	- 4.3

1/ *For historical data see pages 11-13.*
* *Preliminary Data.*

OKLAHOMA ECONOMIC INDICATORS



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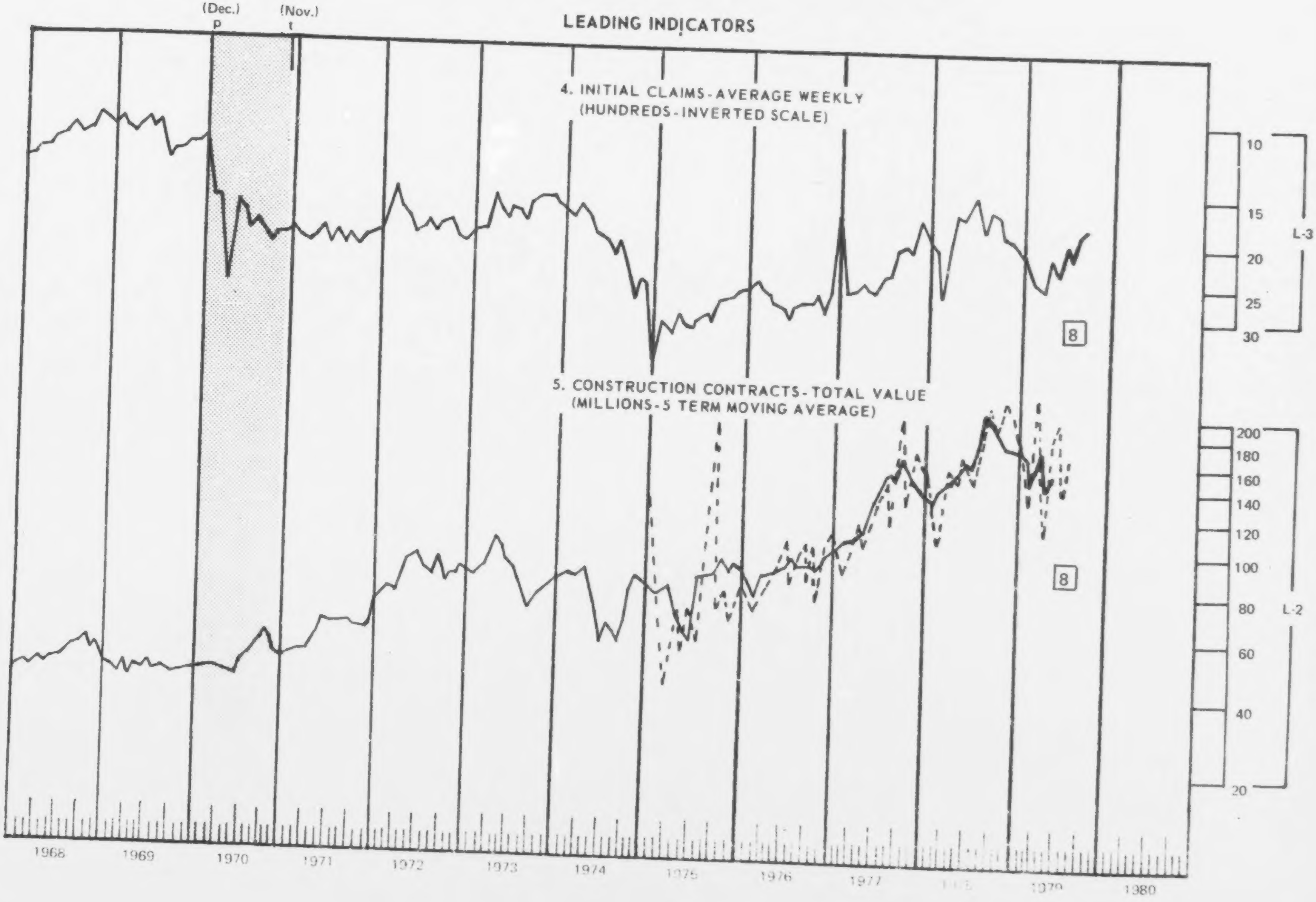

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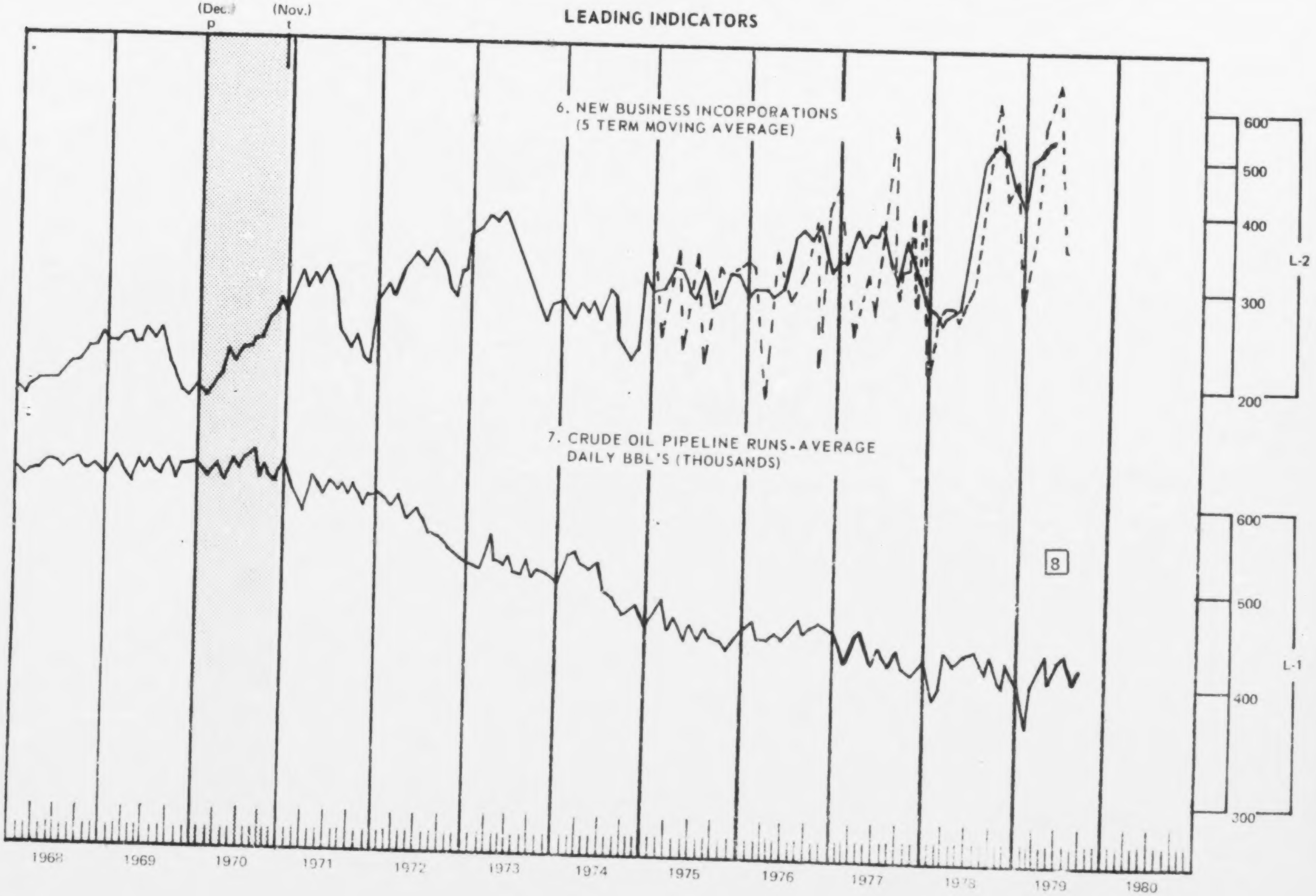

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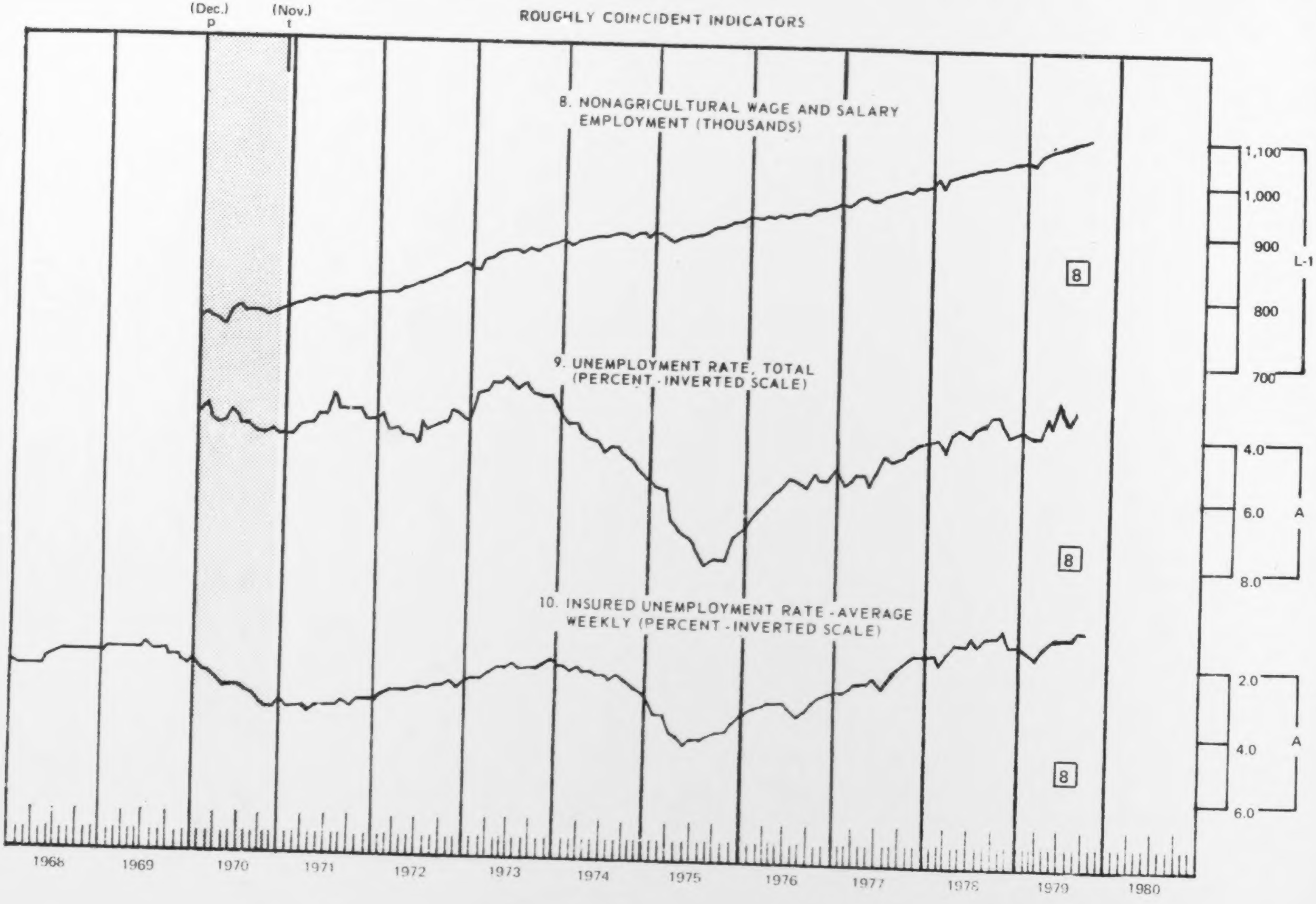

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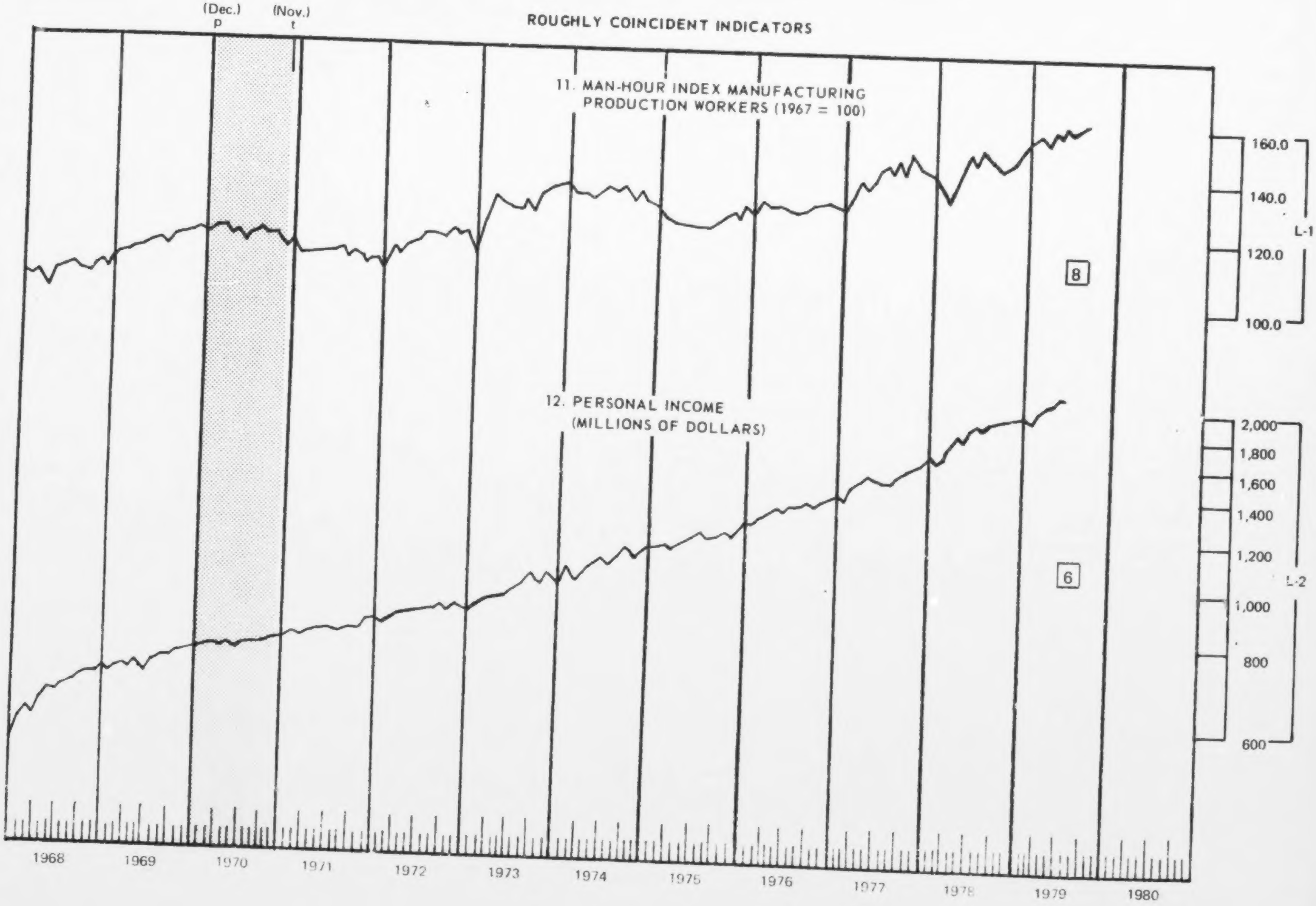
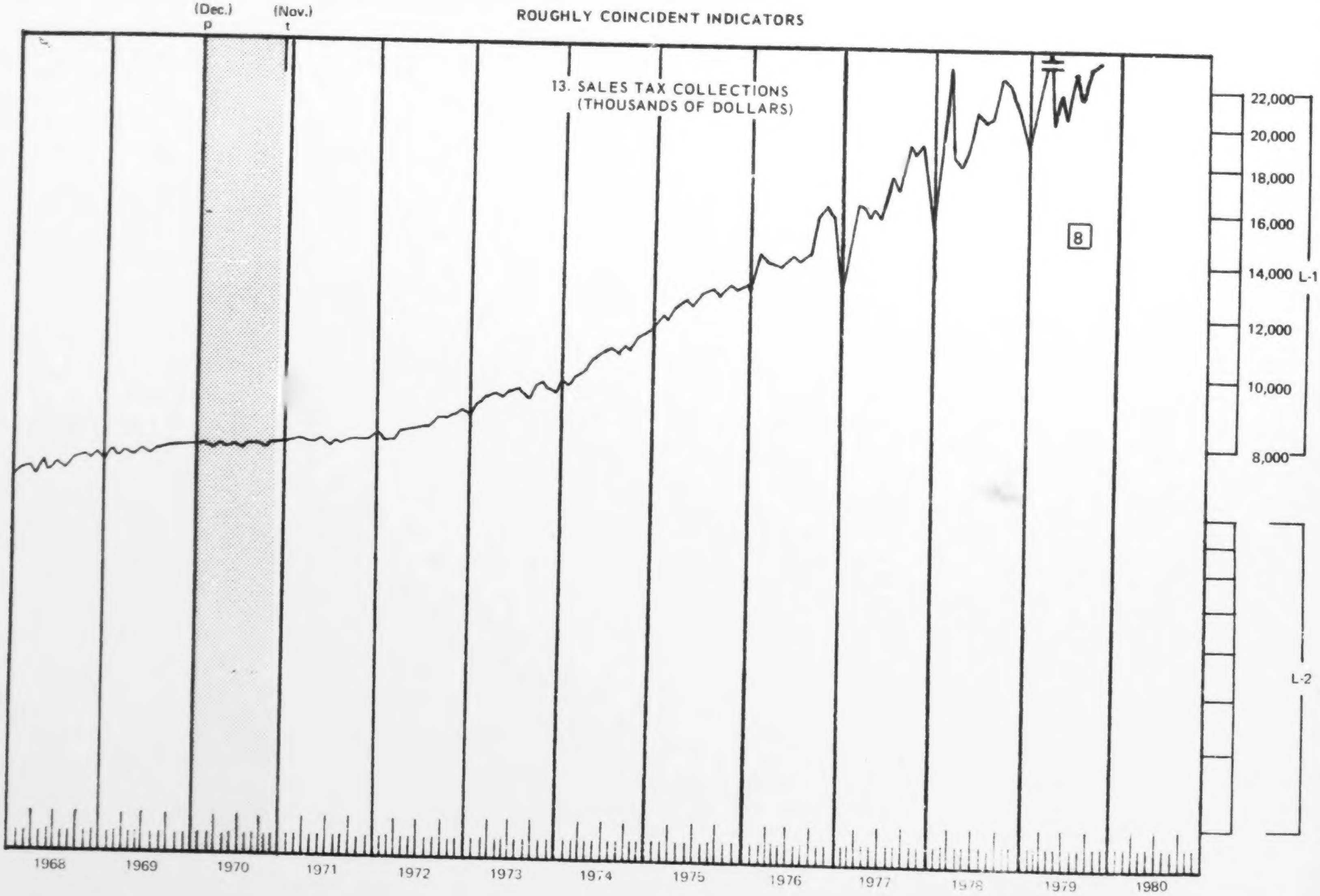


OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



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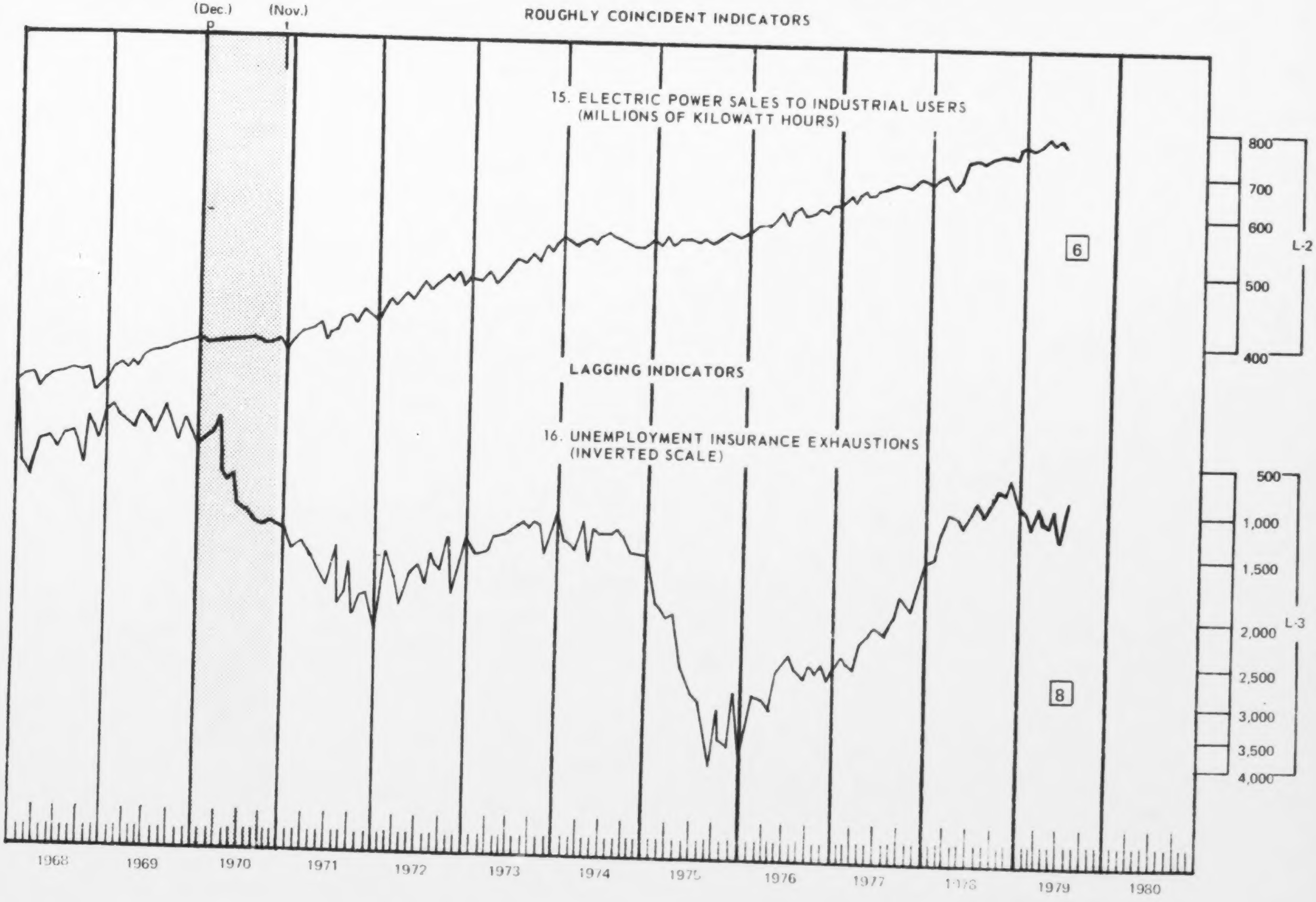

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LEADING INDICATORS

Date	1 Average Workweek Manufacturing Production Workers		2 Job Openings Received Nonagricultural		3 Job Placements Nonagricultural		4 Initial Claims Average Weekly		5 Construction Contracts Total Value		6 New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1978												
Jan.	38.7	38.9	11,169	14,833	8,843	11,854	3,109	2,043	123,860	135,514	243	253
Feb.	39.0	39.3	12,076	16,565	9,308	12,561	2,995	2,681	87,883	100,899	299	283
Mar.	40.3	40.5	16,408	16,039	13,941	13,066	1,950	2,033	163,868	130,885	276	283
Apr.	40.2	40.6	17,047	15,992	13,078	12,784	1,708	1,788	189,283	151,669	296	271
May	40.1	40.4	18,190	16,551	13,683	13,628	1,666	1,797	159,515	143,967	317	274
Jun.	40.6	40.6	21,091	17,387	19,330	15,232	1,387	1,550	165,684	164,532	307	302
Jul.	40.2	40.3	18,309	17,208	15,923	14,649	1,909	1,898	164,822	140,633	302	322
Aug.	40.7	40.6	21,141	17,202	17,814	14,932	1,430	1,647	150,172	158,744	560	541
Sep.	40.8	40.4	20,621	17,978	16,308	14,509	1,434	1,738	200,076	203,329	572	636
Oct.	40.2	40.2	16.644	14,435	14,710	12,519	1,845	1,982	169,129	186,677	347	405
Nov.	40.4	39.9	12,822	16,355	10,746	12,672	1,934	2,015	221,777	278,265	386	417
Dec.	41.0	40.5	14,116	19,024	12,012	16,591	2,166	2,089	137,555	175,074	312	293
1979												
Jan.	40.3	40.5	12,206	16,210	10,707	14,353	3,781	2,484	116,523	127,487	313	326
Feb.	40.3	40.6	12,317	16,896	10,599	14,304	2,974	2,662	169,824	194,976	576	545
Mar.	40.4	40.6	15,825	15,469	14,797	13,868	2,058	2,146	175,097	139,854	637	653
Apr.	39.9	40.3	16,179	15,177	14,472	14,147	2,256	2,362	137,099	109,855	476	435
May	40.4	40.7	17,781	16,179	15,781	15,718	1,944	2,097	171,483	154,768	398	343
Jun.	40.3	40.3	22,003	18,139	19,305	15,213	1,940	2,168	178,468	177,227		
Jul.	40.5	40.6	18,750	17,622	16,142	14,850	2,099	2,086	143,658	122,575		
Aug.	40.6*	40.5*	19,620	15,964	17,430	14,610	1,700	1,959	151,637	160,293		
Sep.												
Oct.												
Nov.												
Dec.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7		8		9		10		11	
	Crude Oil Pipeline Runs, Average Daily Barrels		Nonagricultural Wage and Salary Employment		Unemployment Rate, Total		Insured Unemployment Rate Average Weekly		Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1978										
Jan.	398.5	387.7	988.1	997.1	4.3	4.1	2.2	1.8	134.7	137.2
Feb.	398.5	402.9	985.4	996.4	5.0	4.8	2.4	2.1	134.0	135.2
Mar.	440.4	439.0	1005.1	1012.2	4.0	3.9	2.0	1.8	138.0	140.1
Apr.	426.1	421.0	1016.5	1019.6	3.7	3.8	1.5	1.4	138.8	141.2
May	419.6	421.7	1029.3	1024.2	3.7	3.7	1.4	1.4	140.7	142.7
Jun.	419.1	422.1	1035.4	1030.2	4.0	3.8	1.3	1.3	144.0	143.0
Jul.	413.6	417.7	1030.1	1034.2	3.9	3.7	1.4	1.4	142.1	142.7
Aug.	424.4	421.9	1037.0	1036.0	3.6	3.6	1.2	1.3	144.9	144.0
Sep.	408.2	409.0	1045.3	1039.1	3.5	3.6	1.1	1.3	144.0	142.3
Oct.	400.9	398.2	1045.9	1039.7	3.6	3.7	1.0	1.2	143.2	141.5
Nov.	406.0	410.5	1047.2	1043.0	3.8	3.9	1.3	1.4	145.3	142.3
Dec.	399.5	402.0	1051.8	1044.5	3.6	3.8	1.4	1.4	151.5	148.8
1979										
Jan.	369.8	359.7	1034.1	1043.5	4.0	3.7	2.1	1.8	147.9	150.6
Feb.	386.6	390.9	1038.8	1050.4	4.2	3.9	2.2	1.9	147.9	149.7
Mar.	410.5	409.3	1052.9	1060.3	3.6	3.5	1.8	1.6	150.4	152.7
Apr.	403.8	399.1	1059.2	1062.4	3.6	3.6	1.5	1.4	150.3	152.9
May	404.6	406.7	1069.6	1064.3	3.1	3.2	1.4	1.4	152.7	154.9
Jun.	405.5	408.4	1080.3	1074.9	3.5	3.3	1.4	1.4	153.7	152.6
Jul.	391.9	395.8	1079.3	1079.7	3.5	3.4	1.3	1.3	153.8	154.4
Aug.	404.8	402.4	1082.8*	1081.7*	3.3*	3.3*	1.2	1.3	155.5*	154.6*
Sep.										
Oct.										
Nov.										
Dec.										

* *Preliminary Data*

ROUGHLY COINCIDENT INDICATORS

LAGGING INDICATORS

	12		13		14		15			16	
	Personal Income		Sales Tax Collections				Electrical Power Sales to Industrial Users			Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.		Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)				(Millions of Kilowatt Hours)			(Number)	
1978											
Jan.	1,548	1,572	21,544	23,701			651	660		1,674	1,522
Feb.	1,545	1,573	16,787	18,468			652	665		1,331	1,347
Mar.	1,596	1,620	17,004	18,109			602	635		1,159	1,068
Apr.	1,613	1,629	18,245	18,579			635	638		1,093	1,071
May	1,643	1,655	20,627	20,362			668	673		1,235	1,092
Jun.	1,684	1,648	20,050	19,447			695	685		972	960
Jul.	1,690	1,662	19,961	19,550			695	679		959	999
Aug.	1,725	1,722	23,000	22,244			713	688		1,059	970
Sep.	1,732	1,713	22,567	22,060			723	690		733	861
Oct.	1,739	1,723	21,186	21,487			685	681		816	930
Nov.	1,773	1,766	20,901	21,415			691	694		767	795
Dec.	1,815	1,811	21.510	18,306			686	704		877	961
1979											
Jan.	1,768	1,795	25,820	28,382			684	694		1,125	1,023
Feb.	1,785	1,818	18,048	19,855			701	715		1.113	1,127
Mar.	1,820	1,848	19,683	20,962			695	733		1,077	993
Apr.	1,835	1,854	19,856	20,220			718	721		1,095	1,072
May	1,859	1,872	22,804	22,511			718	723		1,257	1,111
Jun.	1,899	1,858	22,649	21,968			713	702		1,012	999
Jul.			23,084	22,609						1,192	1,242
Aug.			24,396	23,594						1,013	928
Sep.											
Oct.											
Nov.											
Dec.											

* *Preliminary Data*

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Production Workers.** Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. Source: **Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural.** Comprised of nonagricultural job openings placed by employers with the Oklahoma Employment Service. Source **Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. Source **Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial unemployment insurance claims for benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. Source: **Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total value of contracts awarded for residential and nonresidential building in Oklahoma. Non building contracts are not included. Source: **F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. Source **Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. Source: **Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** Includes all wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. Source **Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Number of persons estimated to be unemployed in Oklahoma based on methods prescribed by U.S. Department of Labor. Source **Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate, Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers in covered employment for the most recent available 12 month period. Source **Oklahoma Employment Security Commission.**

11. **Man-hour Index.** The total hours worked by manufacturing production workers in Oklahoma. The base period of 1967 = 100 percent. Source **Oklahoma Employment Security Commission.**

12. **Personal Income.** The current income received by individuals in Oklahoma from all sources. Source **Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two percent sales tax collections for report month relate to month of actual sales. City sales tax not included. Source **Oklahoma Tax Commission.**

14.

15. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. Source: **Edison Electric Institute.**

Lagging Indicators

16. **Unemployment Insurance Exhaustions.** Data relate to unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. Source **Oklahoma Employment Security Commission.**

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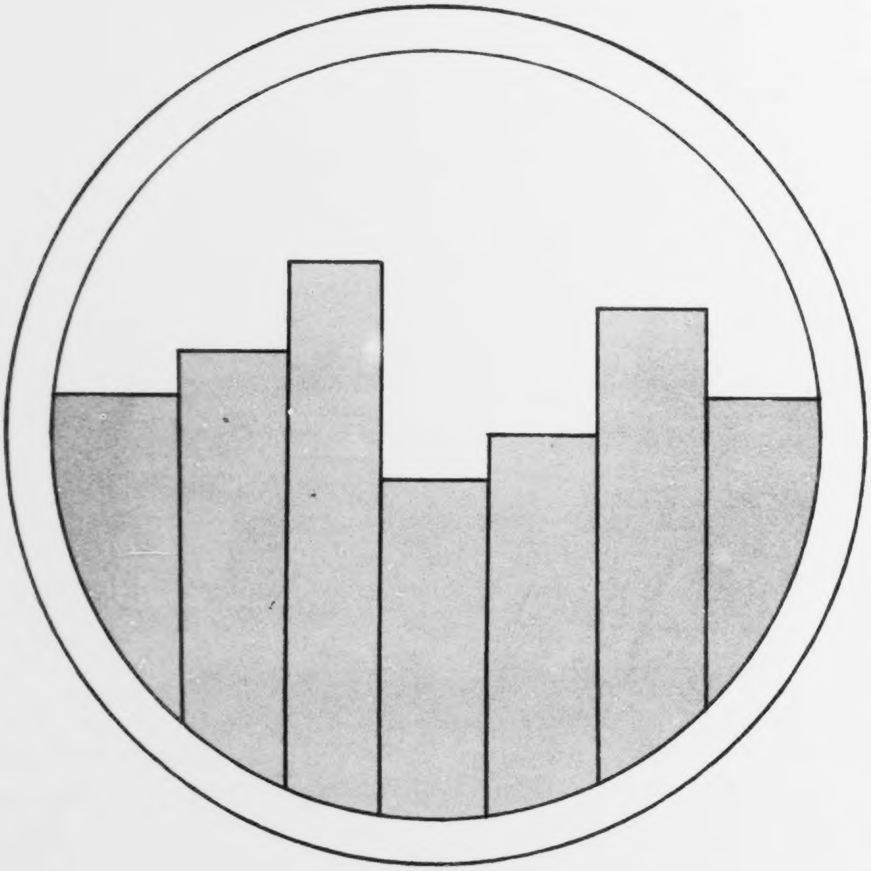
OKLAHOMA ECONOMIC INDICATORS

October 1979



JOB SERVICE

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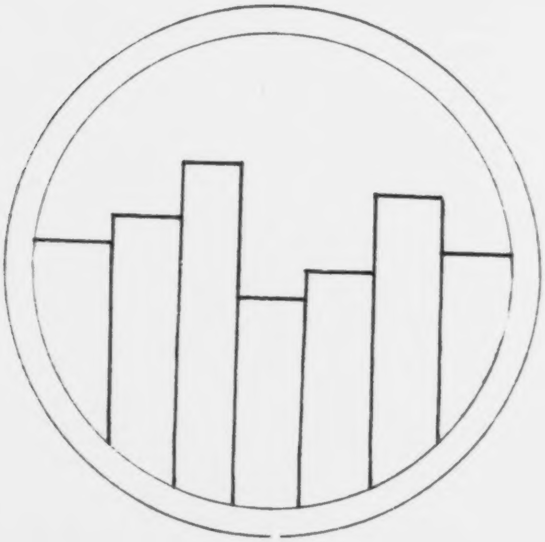
OKLAHOMA ECONOMIC INDICATORS



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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, ASSISTANT CHIEF

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OKLAHOMA ECONOMIC INDICATORS

October 1979

Oklahoma's economy declined somewhat during this report month as five of the seasonally adjusted series advanced, eight declined and two remained unchanged. Although most sectors of the economy continued to move unsteadily during the period, the economy has generally strengthened as evidenced by the number of indicators continuing to record above year-ago readings. The current condition of the national economy and Oklahoma's previous economic trends could create a slight economic slowdown later in the year.

Labor Market

The labor market lost momentum as one of the indicators increased, six decreased and two remained unchanged from a month earlier. Nonagricultural wage and salary employment moved favorably during the month. However, nonagricultural job openings and job placements continued to decline slightly during September. The labor market exhibited some weaknesses during the month, but with support from the other sectors of the economy could regain a generally upward course. Few of the labor market series have recorded dramatic changes in recent months, but most levels are above one year ago.

Business

The business sector stabilized during the month as two of the indicators recorded a gain and two recorded a loss. Construction contracts awarded and the average daily barrels of crude oil pipeline runs declined in comparison to recent months. Uncertainty on the part of business to increase production seems to have temporarily returned, however, even though most of the indicators relating to business conditions were well above year-ago readings.

Finance

The financial series gained momentum during September. Seasonally adjusted personal income advanced slightly during the month as did sales tax collections. Apparently, consumers are becoming less reluctant to spend their increasing incomes on goods and services. The financial sector should provide much needed support to other areas of the economy.

OKLAHOMA ECONOMIC INDICATORS

Introductory Notes

The techniques and format are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, "Business Conditions Digest," issued by the Bureau of the Census. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide For Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ("5" = May)

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Broken line indicates actual monthly data where a moving average is plotted.

Parallel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.)

Four items pertaining to unemployment (series 4, 9, 10 and 16) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

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CHANGE FROM PREVIOUS MONTH AND YEAR 1/

INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	Sept.	40.3*	39.9*	40.6	40.4	- 1.7	- 1.2
2. Job Openings Received, Nonag. . .	Number	Sept.	16,470	14,359	15,964	17,978	- 10.1	- 20.1
3. Job Placements, Nonag.	Number	Sept.	14,284	12,708	14,610	14,509	- 13.0	- 12.4
4. Initial Claims, Average Weekly . .	Number	Sept.	1,767	2,142	1,959	1,738	9.3	23.2
5. Construction Contracts	Thou. Dollars	Sept.	143,087	145,414	160,293	203,329	- 9.3	- 28.5
6. New Business Incorporations . . .	Number	July	472	504	432	322	16.7	56.5
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	Sept.	396.8	397.6	402.4	409.0	- 1.2	- 2.8
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	Sept.	1,091.2*	1,084.7*	1,083.0	1,039.1	0.2	4.4
9. Unemployment Rate, Total . . .	Percent	Sept.	3.2*	3.3*	3.3	3.6	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	Sept.	1.1	1.3	1.3	1.3	xxx	xxx
11. Man-Hour Index	1967 = 100	Sept.	154.9*	153.1*	154.6	142.3	- 1.0	7.6
12. Personal Income	Million Dollars	July	1,923	1,891	1,858	1,662	1.8	13.8
13. Sales Tax Collections	Thou. Dollars	Sept.	24,204	23,660	23,594	22,060	0.3	7.3
14. .								
15. Electrical Power Sales to Industrial Users	Million KWH	July	732	715	702	679	1.9	5.3
LAGGING INDICATORS								
16. Exhaustions, Unemployment Ins.	Number	Sept.	802	942	928	861	1.5	9.4

1/ *For historical data see pages 11-13.*

* *Preliminary Data.*

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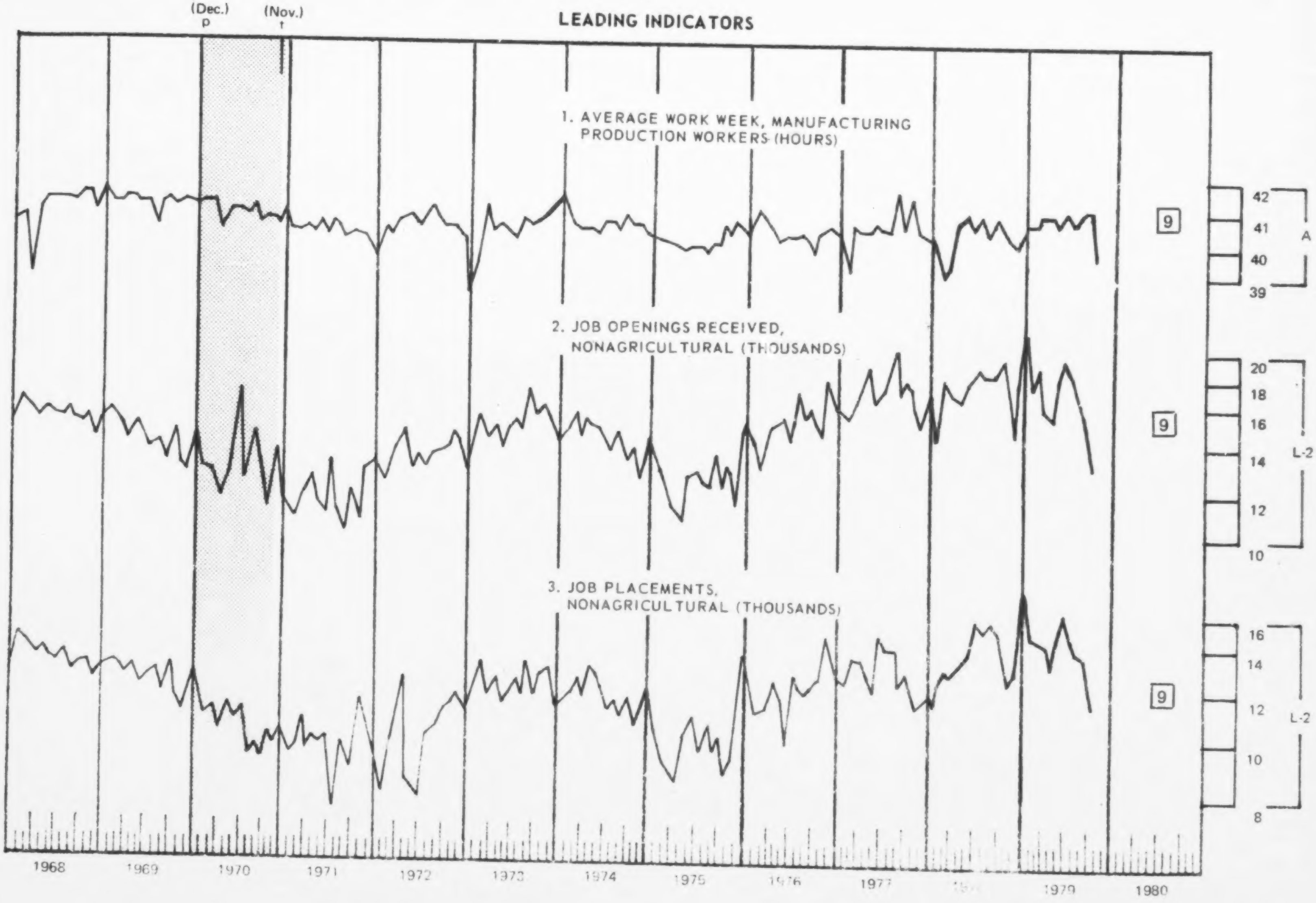
OKLAHOMA ECONOMIC INDICATORS



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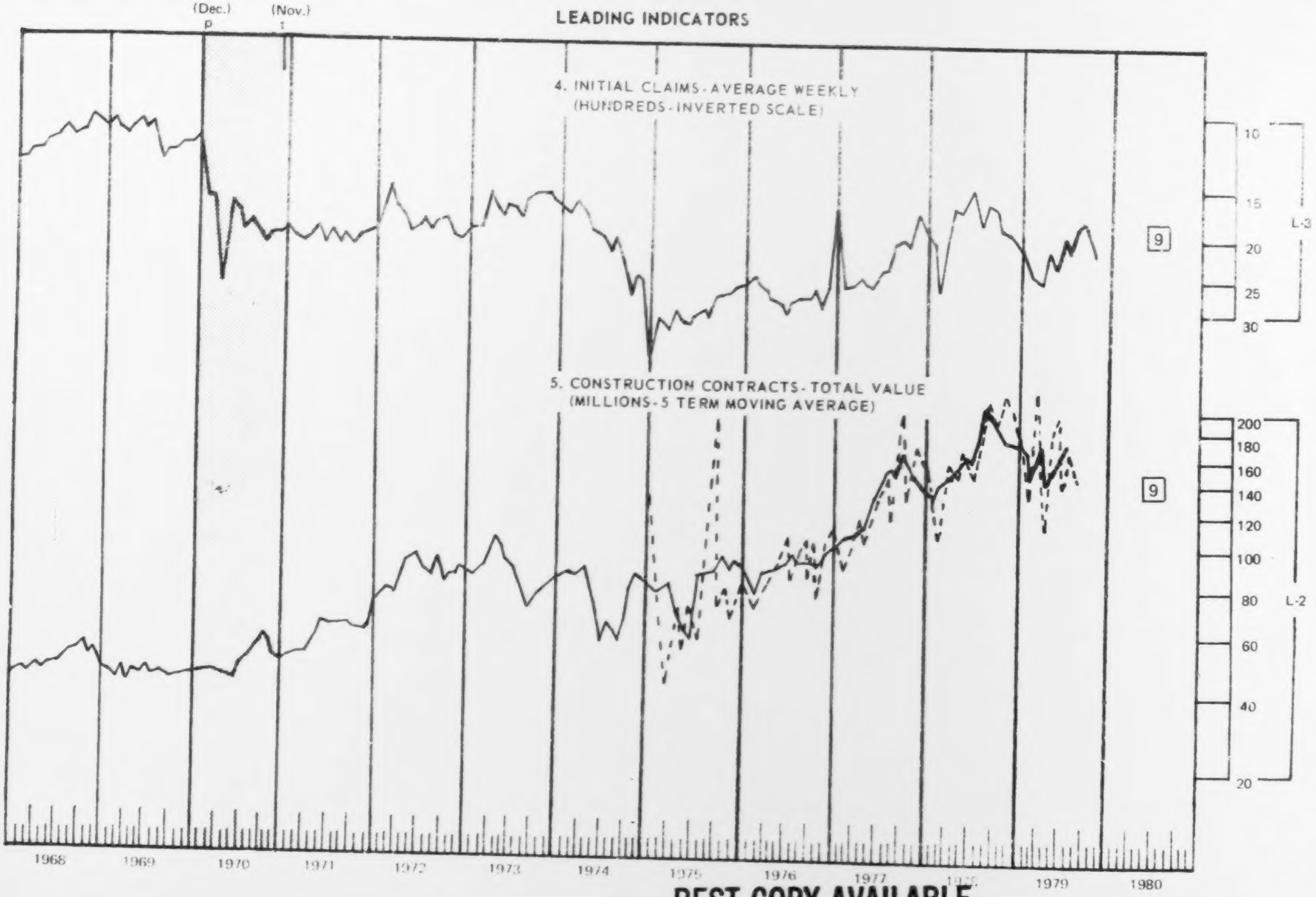

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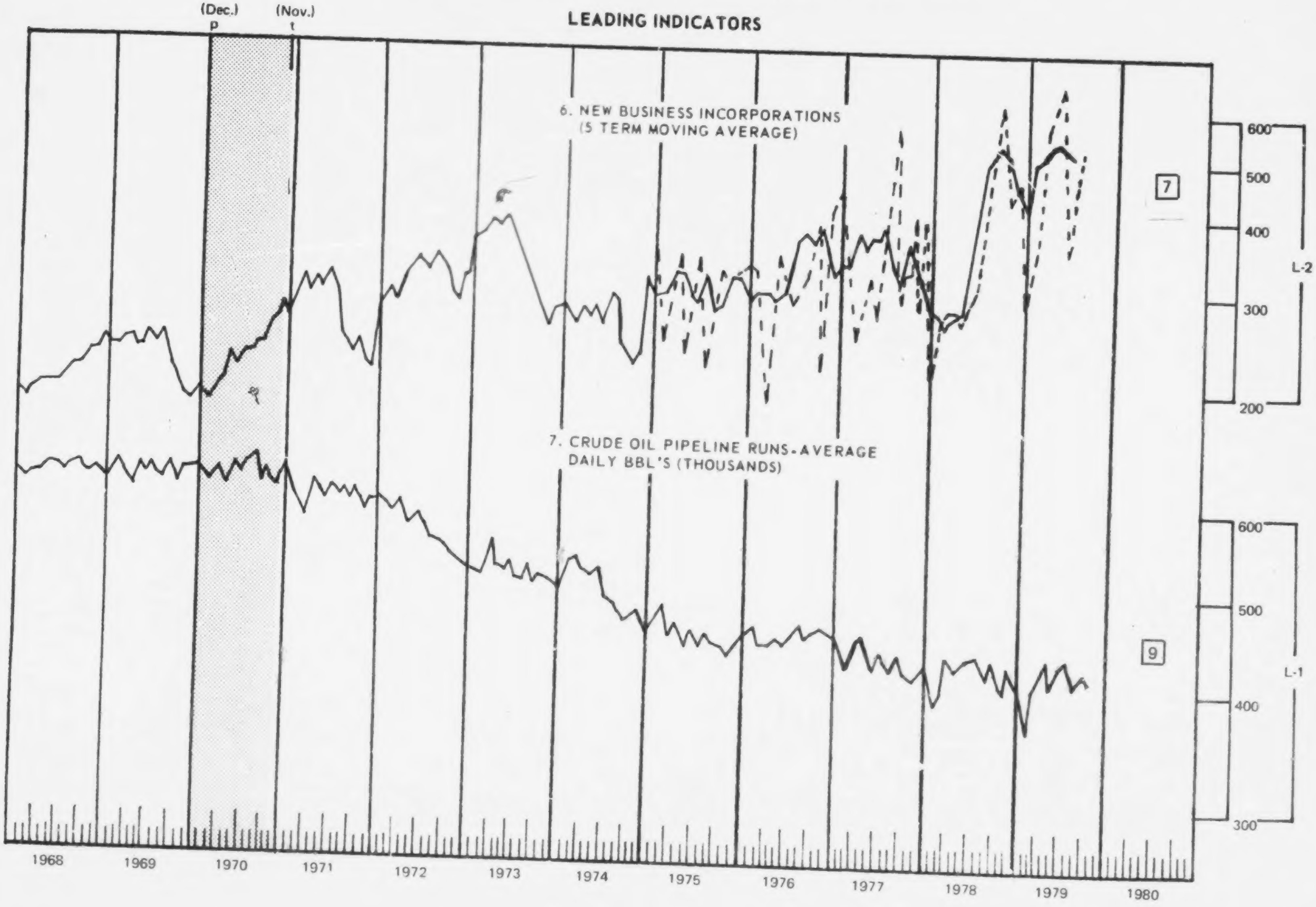
OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



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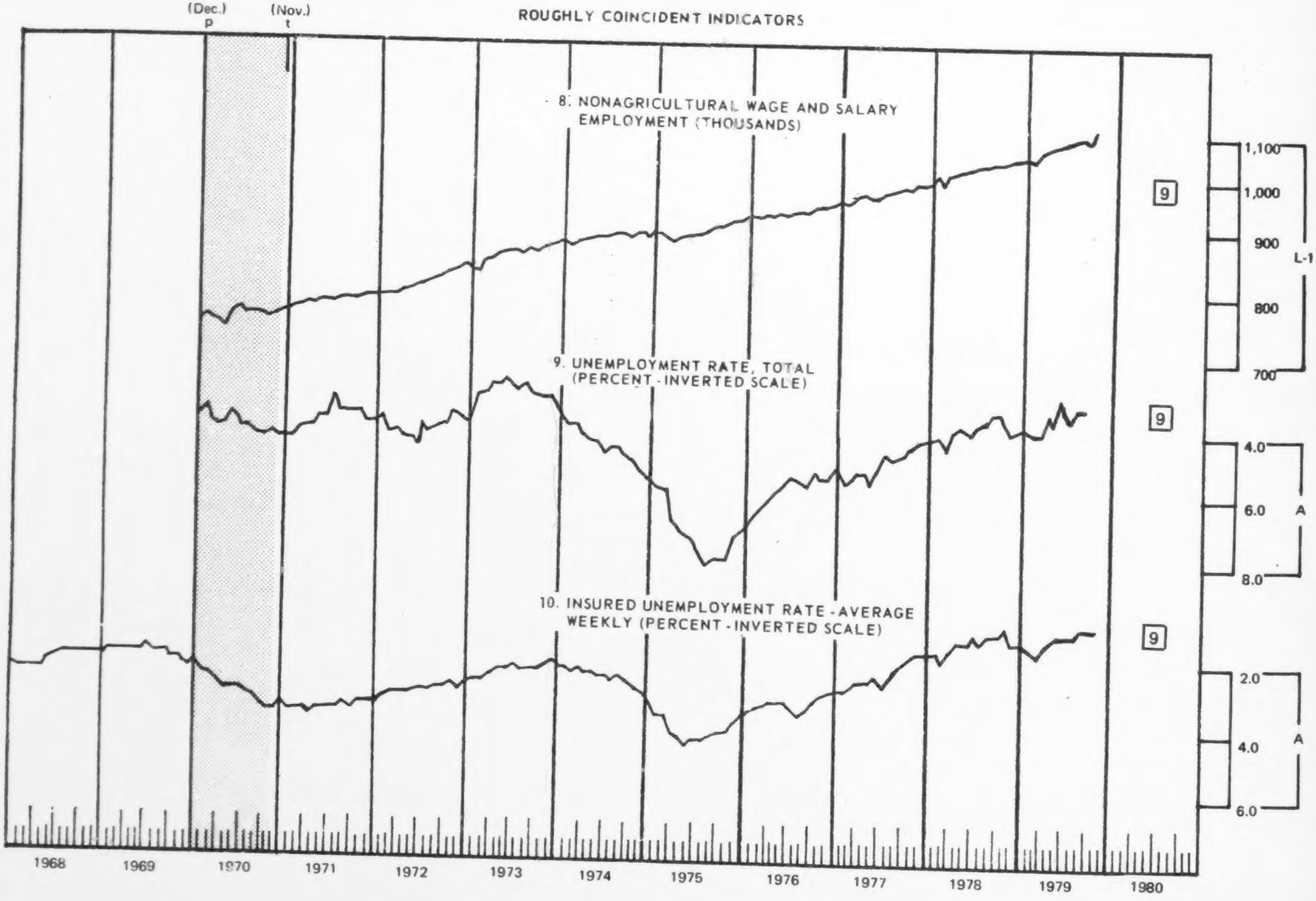
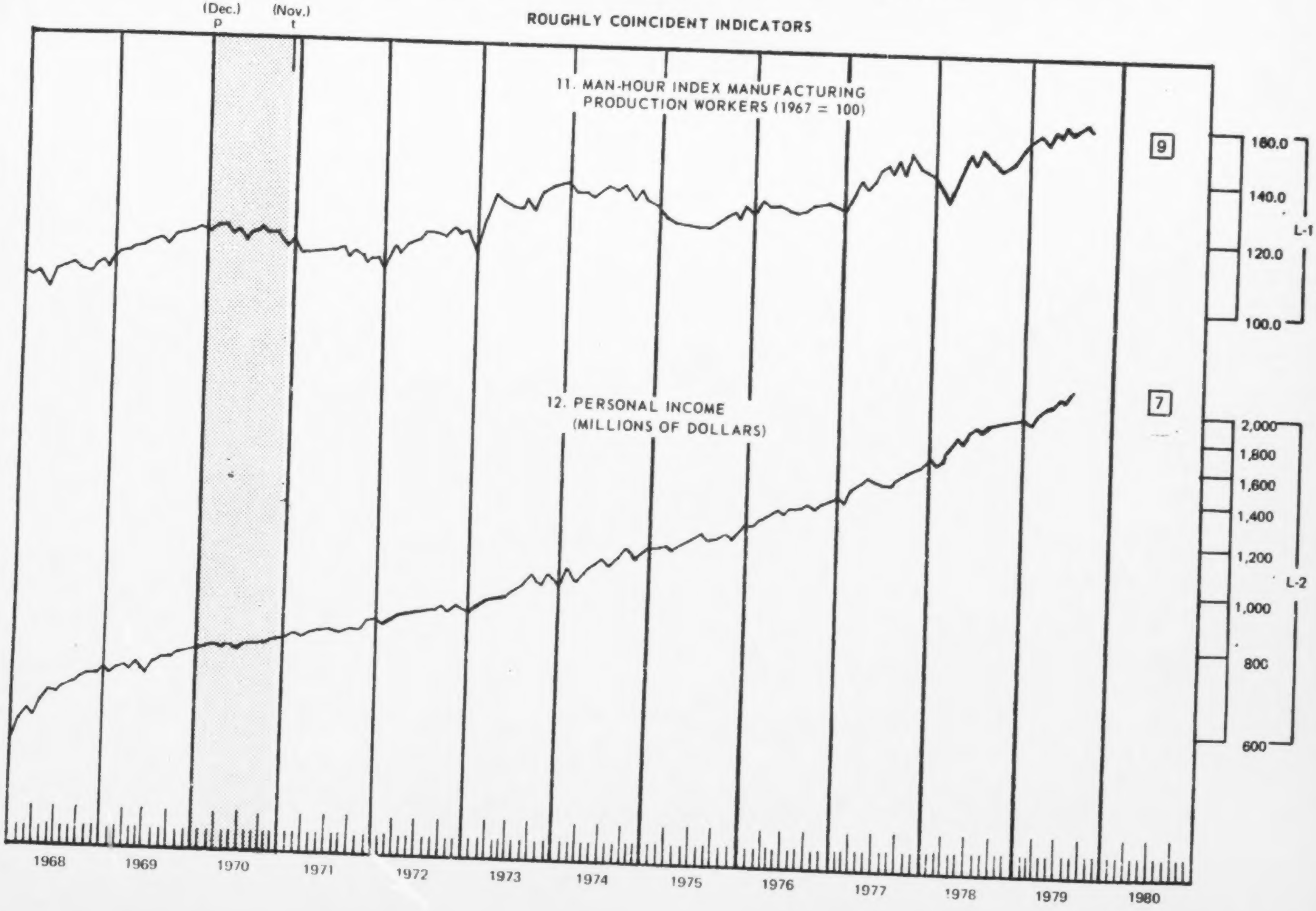


OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



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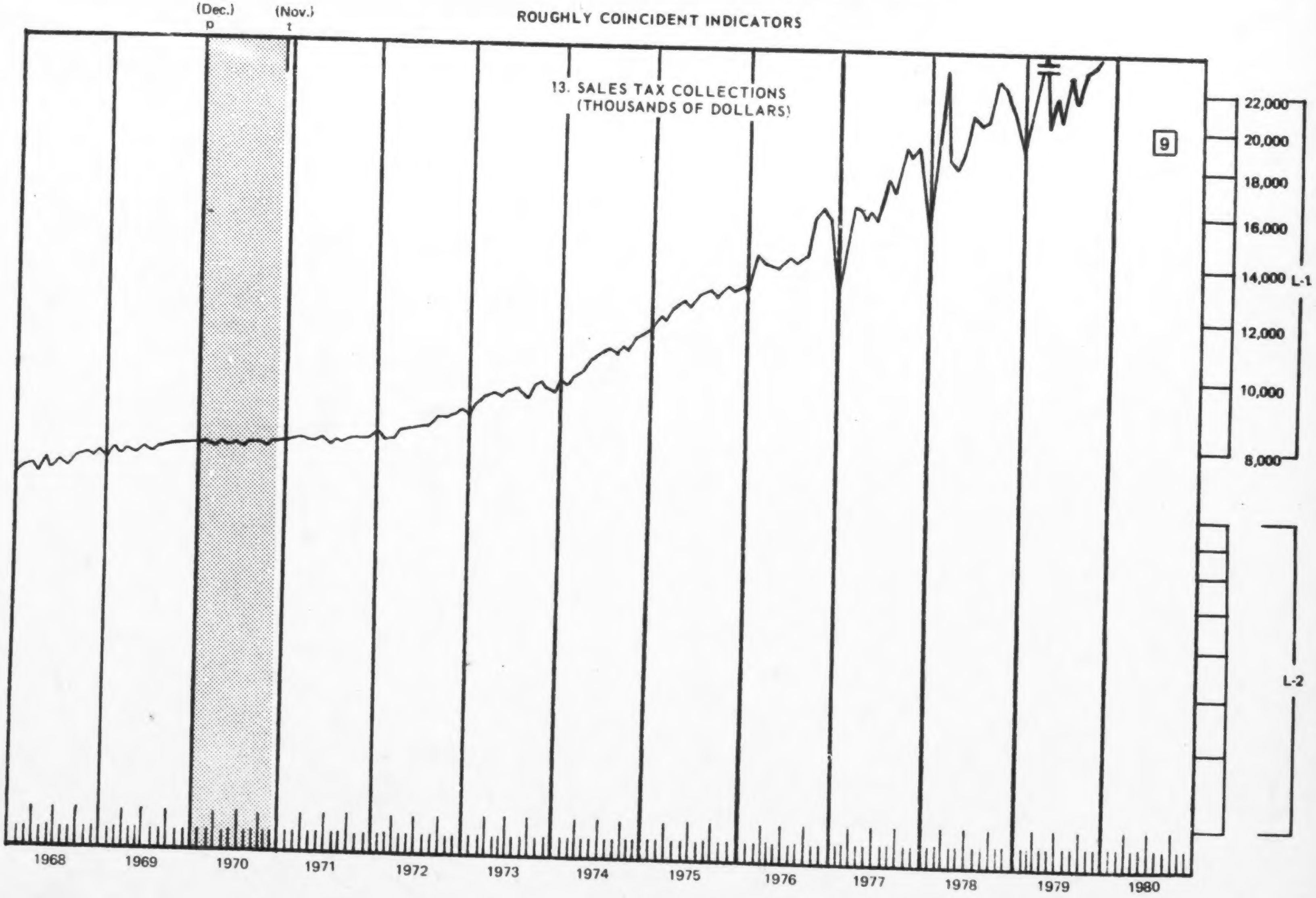

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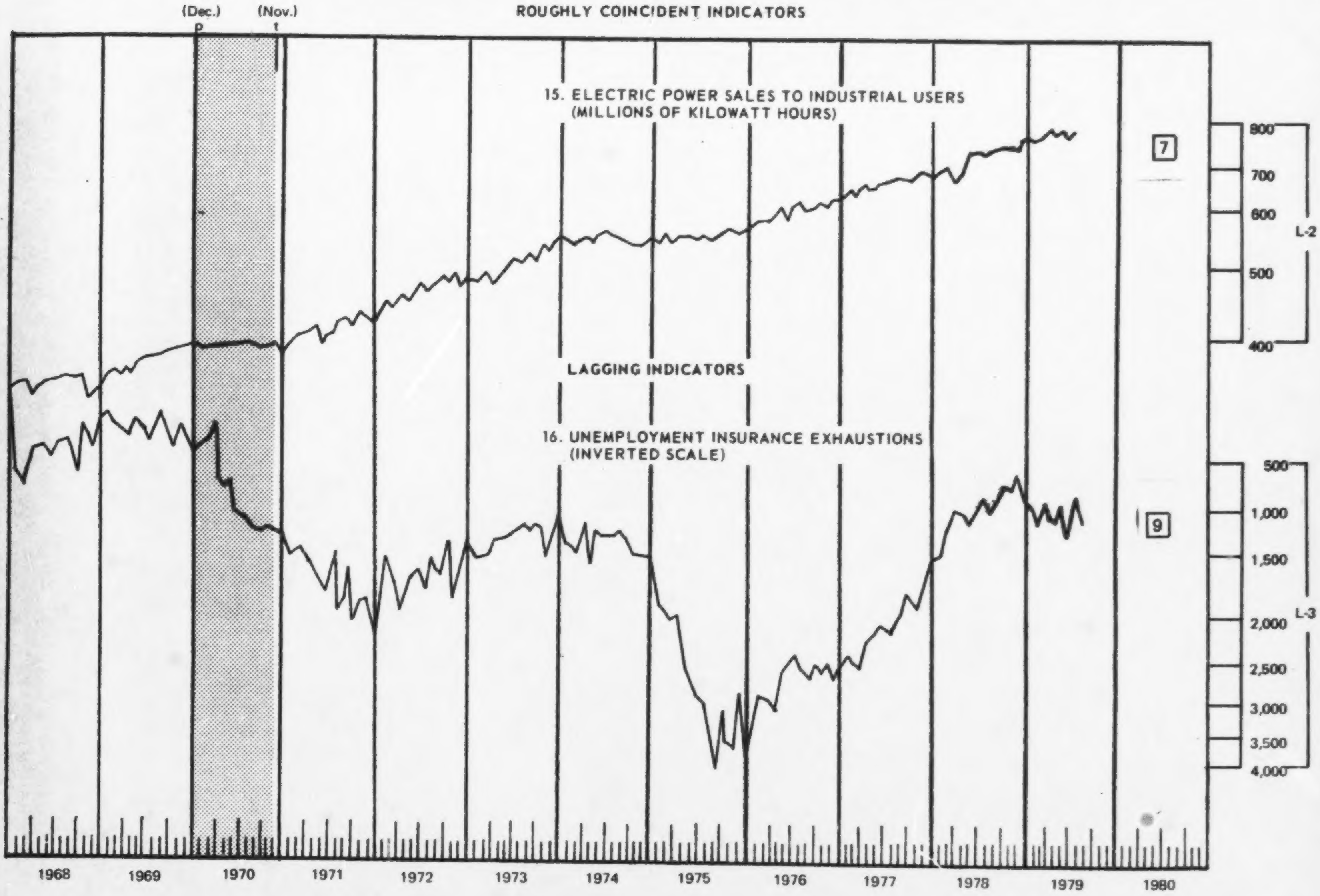

LEADING INDICATORS

Date	1 Average Workweek Manufacturing Production Workers		2 Job Openings Received Nonagricultural		3 Job Placements Nonagricultural		4 Initial Claims Average Weekly		5 Construction Contracts Total Value		6 New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1978												
Jan.	38.7	38.9	11,169	14,833	8,843	11,854	3,109	2,043	123,860	135,514	243	253
Feb.	39.0	39.3	12,076	16,565	9,308	12,561	2,995	2,681	87,883	100,899	299	283
Mar.	40.3	40.5	16,408	16,039	13,941	13,066	1,950	2,033	163,868	130,885	276	283
Apr.	40.2	40.6	17,047	15,992	13,078	12,784	1,708	1,788	189,283	151,669	296	271
May	40.1	40.4	18,190	16,551	13,683	13,628	1,666	1,797	159,515	143,967	317	274
Jun.	40.6	40.6	21,091	17,387	19,330	15,232	1,387	1,550	165,684	164,532	307	302
Jul.	40.2	40.3	18,309	17,208	15,923	14,649	1,909	1,898	164,822	140,633	302	322
Aug.	40.7	40.6	21,141	17,202	17,814	14,932	1,430	1,647	150,172	158,744	560	541
Sep.	40.8	40.4	20,621	17,978	16,308	14,509	1,434	1,738	200,076	203,329	572	636
Oct.	40.2	40.2	16,644	14,435	14,710	12,519	1,845	1,982	169,129	186,677	347	405
Nov.	40.4	39.9	12,822	16,355	10,746	12,672	1,934	2,015	221,777	278,265	386	417
Dec.	41.0	40.5	14,116	19,024	12,012	16,591	2,166	2,089	137,555	175,074	312	293
1979												
Jan.	40.3	40.5	12,206	16,210	10,707	14,353	3,781	2,484	116,523	127,487	313	326
Feb.	40.3	40.6	12,317	16,896	10,599	14,304	2,974	2,662	169,824	194,976	576	545
Mar.	40.4	40.6	15,825	15,469	14,797	13,868	2,058	2,146	175,097	139,854	637	653
Apr.	39.9	40.3	16,179	15,177	14,472	14,147	2,256	2,362	137,099	109,855	476	435
May	40.4	40.7	17,781	16,179	15,781	15,718	1,944	2,097	171,483	154,768	398	343
Jun.	40.3	40.3	22,003	18,139	19,305	15,213	1,940	2,168	178,468	177,227	439	432
Jul.	40.5	40.6	18,750	17,622	16,142	14,850	2,099	2,086	143,658	122,575	472	504
Aug.	40.7	40.6	19,620	15,964	17,430	14,610	1,700	1,959	151,637	160,293		
Sep.	40.3*	39.9*	16,470	14,359	14,284	12,708	1,767	2,142	143,087	145,414		
Oct.												
Nov.												
Dec.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7		8		9		10		11	
	Crude Oil Pipeline Runs, Average Daily Barrels		Nonagricultural Wage and Salary Employment		Unemployment Rate, Total		Insured Unemployment Rate Average Weekly		Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1978										
Jan.	398.5	387.7	988.1	997.1	4.3	4.1	2.2	1.8	134.7	137.2
Feb.	398.5	402.9	985.4	996.4	5.0	4.8	2.4	2.1	134.0	135.2
Mar.	440.4	439.0	1005.1	1012.2	4.0	3.9	2.0	1.8	138.0	140.1
Apr.	426.1	421.0	1016.5	1019.6	3.7	3.8	1.5	1.4	138.8	141.2
May	419.6	421.7	1029.3	1024.2	3.7	3.7	1.4	1.4	140.7	142.7
Jun.	419.1	422.1	1035.4	1030.2	4.0	3.8	1.3	1.3	144.0	143.0
Jul.	413.6	417.7	1030.1	1034.2	3.9	3.7	1.4	1.4	142.1	142.7
Aug.	424.4	421.9	1037.0	1036.0	3.6	3.6	1.2	1.3	144.9	144.0
Sep.	408.2	409.0	1045.3	1039.1	3.5	3.6	1.1	1.3	144.0	142.3
Oct.	400.9	398.2	1045.9	1039.7	3.6	3.7	1.0	1.2	143.2	141.5
Nov.	406.0	410.5	1047.2	1043.0	3.8	3.9	1.3	1.4	145.3	142.3
Dec.	399.5	402.0	1051.8	1044.5	3.6	3.8	1.4	1.4	151.5	148.8
1979										
Jan.	369.8	359.7	1034.1	1043.5	4.0	3.7	2.1	1.8	147.9	150.6
Feb.	386.6	390.9	1038.8	1050.4	4.2	3.9	2.2	1.9	147.9	149.7
Mar.	410.5	409.3	1052.9	1060.3	3.6	3.5	1.8	1.6	150.4	152.7
Apr.	403.8	399.1	1059.2	1062.4	3.6	3.6	1.5	1.4	150.3	152.9
May	404.6	406.7	1069.6	1064.3	3.1	3.2	1.4	1.4	152.7	154.9
Jun.	405.5	408.4	1080.3	1074.9	3.5	3.3	1.4	1.4	153.7	152.6
Jul.	391.9	395.8	1079.3	1079.7	3.5	3.4	1.3	1.3	153.8	154.4
Aug.	404.8	402.4	1084.1	1083.0	3.3	3.3	1.2	1.3	155.5	154.6
Sep.	396.8	397.6	1091.2*	1084.7*	3.2*	3.3*	1.1	1.3	154.9*	153.1*
Oct.										
Nov.										
Dec.										

* *Preliminary Data*

ROUGHLY COINCIDENT INDICATORS

LAGGING INDICATORS

	12		13		14		15			16	
	Personal Income		Sales Tax Collections				Electrical Power Sales to Industrial Users			Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.		Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)				(Millions of Kilowatt Hours)			(Number)	
1978											
Jan.	1,548	1,572	21,544	23,701			651	660		1,674	1,522
Feb.	1,545	1,573	16,787	18,468			652	665		1,331	1,347
Mar.	1,596	1,620	17,004	18,109			602	635		1,159	1,068
Apr.	1,613	1,629	18,245	18,579			635	638		1,093	1,071
May	1,643	1,655	20,627	20,362			668	673		1,235	1,092
Jun.	1,684	1,648	20,050	19,447			695	685		972	960
Jul.	1,690	1,662	19,961	19,550			695	679		959	999
Aug.	1,725	1,722	23,000	22,244			713	688		1,059	970
Sep.	1,732	1,713	22,567	22,060			723	690		733	861
Oct.	1,739	1,723	21,186	21,487			685	681		816	930
Nov.	1,773	1,766	20,901	21,415			691	694		767	795
Dec.	1,815	1,811	21,510	18,306			686	704		877	961
1979											
Jan.	1,768	1,795	25,820	28,382			684	694		1,125	1,023
Feb.	1,785	1,818	18,048	19,855			701	715		1,113	1,127
Mar.	1,820	1,848	19,683	20,962			695	733		1,077	993
Apr.	1,835	1,854	19,856	20,220			718	721		1,095	1,072
May	1,859	1,872	22,804	22,511			718	723		1,257	1,111
Jun.	1,899	1,858	22,649	21,968			713	702		1,012	999
Jul.	1,923	1,891	23,084	22,609			732	715		1,192	1,242
Aug.			24,396	23,594						1,013	928
Sep.			24,204	23,660						802	942
Oct.											
Nov.											
Dec.											

* *Preliminary Data*

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Production Workers**. Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. Source: **Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural**. Comprised of nonagricultural job openings placed by employers with the Oklahoma Employment Service. Source: **Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural**. Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. Source: **Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly**. Number of initial unemployment insurance claims for benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. Source: **Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total value of contracts awarded for residential and nonresidential building in Oklahoma. Non-building contracts are not included. Source: **F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. Source: **Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. Source: **Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** Includes all wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. Source: **Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total**. Number of persons estimated to be unemployed in Oklahoma based on methods prescribed by U.S. Department of Labor. Source: **Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers in covered employment for the most recent available 12-month period. Source: **Oklahoma Employment Security Commission.**

11. **Man-hour Index**. The total hours worked by manufacturing production workers in Oklahoma. The base period of 1967 = 100 percent. Source: **Oklahoma Employment Security Commission.**

12. **Personal Income.** The current income received by individuals in Oklahoma from all sources. Source: **Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections**. State two-percent sales tax collections for report month relate to month of actual sales. City sales tax not included. Source: **Oklahoma Tax Commission.**

14.

15. **Electric Power Sales to Industrial Users**. Monthly total of kilowatt hours sold to industrial users in Oklahoma. Source: **Edison Electric Institute.**

Lagging Indicators

16. **Unemployment Insurance Exhaustions.** Data relate to unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. Source: **Oklahoma Employment Security Commission.**

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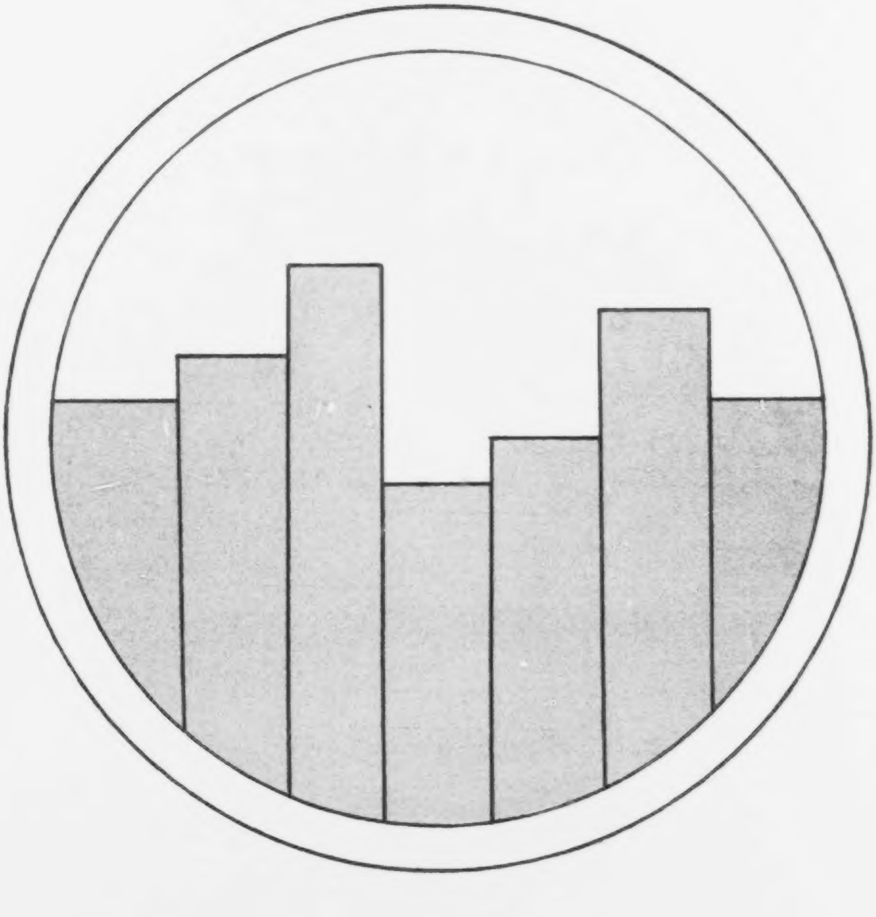
OKLAHOMA ECONOMIC INDICATORS

November 1979



JOB SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

GEORGE NIGH, Governor
STATE OF OKLAHOMA

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE

Affiliated With the
UNITED STATES EMPLOYMENT AND TRAINING ADMINISTRATION

John Ray Green, *Chairman*

Representing Employers	*Representing Employees*
George Ollie, Jr.	**Bill Shields**
Roy Kendrick	**Clyde Smith**

Walter M. Rapp
Executive Director

The following is a list of public employment offices of the Oklahoma State Employment Service:

LOCATION	MANAGER
ADA 1628 East Beverly Drive	Charles R. Null
ALTUS 312 West Cypress	Julio Beltran
ARDMORE 201 "A" Street, S. W.	Lee Roy Hatfield
BARTLESVILLE 501 E. 5th Street	Donita McCarrell
BROKEN ARROW 704 West Oakland	Harold Martinson
CHICKASHA 628 Kansas Avenue	Gregory C. Campbell
CLAREMORE 1810 North Sioux	Ron Novotny
CLINTON 1120 Frisco Avenue	Ruth Switzer
DUNCAN 122 South 11th Street	Larry Donnell
DURANT 124 West Cedar	Michael B. Morrison
EDMOND 2120 S. Broadway Extension	Martin Bellows
ELK CITY 115 South Jefferson	James R. Hale
ENID 215 Kenwood Boulevard	A. K. Armstrong
GUYMON 707 North Main Street	Harold A. Duvall
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WOODWARD 1106 Texas Avenue	Kenneth Alexander

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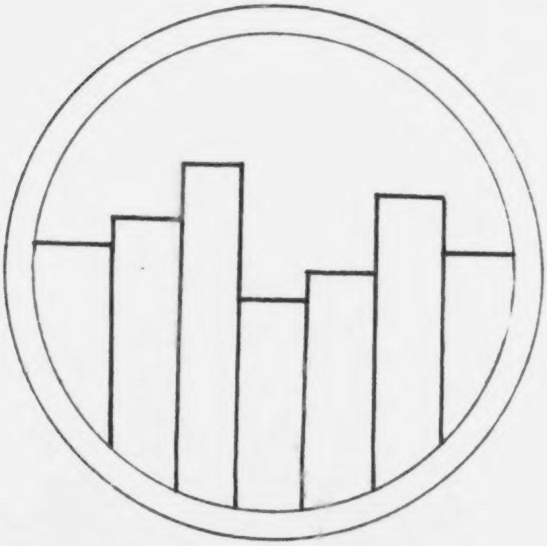
OKLAHOMA ECONOMIC INDICATORS



"Oklahoma Economic Indicators" is published monthly by the Oklahoma Employment Security Commission - Research and Planning - under the supervision of **Bill Hunter.** The compilation, analysis and narrative description of data is provided by **Roger Jacks.** Copies are available at no cost on request. For additional information, please write or call: Oklahoma Employment Security Commission, Research and Planning, 310 Will Rogers Memorial Office Building, Oklahoma City, Oklahoma 73105, AC 405-521-3735.

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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, ASSISTANT CHIEF

OKLAHOMA ECONOMIC INDICATORS

November 1979

Oklahoma's economy gained momentum during this report month as eight of the seasonally adjusted series advanced, five declined and two remained unchanged. Although most sectors of the economy continued to move unsteadily during the period, the economy has improved markedly as evidenced by the number of indicators continuing to record above year-ago readings. The current condition of the national economy and Oklahoma's previous economic trends could create a slight economic slowdown in mid-1980.

Labor Market

The labor market recouped some of the previous month's losses as four of the indicators increased, three decreased and two remained unchanged from a month earlier. Nonagricultural wage and salary employment moved favorably during the month. In addition, nonagricultural job openings and job placements regained upward movement during October. The labor market exhibited some weaknesses during the month, but with support from the other sectors of the economy could regain a generally upward course. Few of the labor market series have recorded dramatic changes in recent months, but most levels are above one year ago.

Business

The business sector advanced during the month as three of the indicators recorded a gain and one recorded a loss. Construction contracts awarded and the average daily barrels of crude oil pipeline runs increased in comparison to recent months. Some uncertainty on the part of business to increase production seems to have temporarily returned, however, even though most of the indicators relating to business conditions were well above year-ago readings.

Finance

The financial series stabilized during October. Seasonally adjusted personal income advanced slightly during the month while sales tax collections declined. Apparently, consumers are becoming reluctant to spend their increasing incomes on goods and services. The financial sector should provide much needed support to other areas of the economy in early 1980.

OKLAHOMA ECONOMIC INDICATORS

Introductory Notes

The techniques and format are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, "Business Conditions Digest," issued by the Bureau of the Census. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide For Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

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Four items pertaining to unemployment (series 4, 9, 10 and 16) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

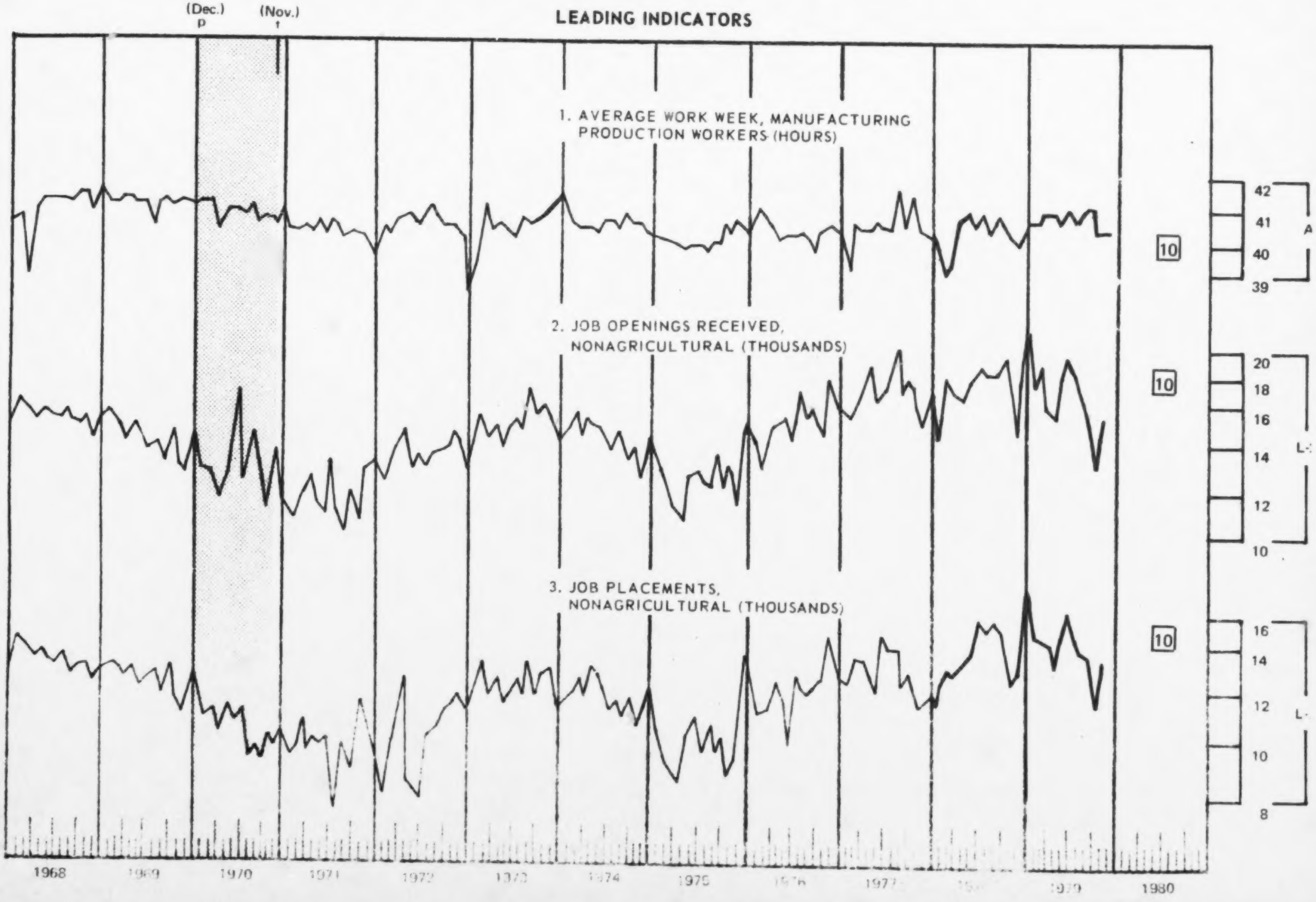
CHANGE FROM PREVIOUS MONTH AND YEAR 1/

INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	Oct.	40.3*	40.3*	40.3	40.2	0.0	0.2
2. Job Openings Received, Nonag. . .	Number	Oct.	17,987	15,600	14,359	14,435	8.6	8.1
3. Job Placements, Nonag.	Number	Oct.	15,933	13,560	12,708	12,519	6.7	8.3
4. Initial Claims, Average Weekly . .	Number	Oct.	1,973	2,119	2,142	1,982	- 1.1	6.9
5. Construction Contracts	Thou. Dollars	Oct.	145,499	160,595	145,414	186,677	10.4	- 14.0
6. New Business Incorporations . . .	Number	Aug.	376	363	504	541	- 28.0	- 32.9
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	Oct.	402.4	399.7	397.6	398.2	0.5	0.4
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	Oct.	1091.7*	1085.2*	1084.7	1039.7	0.1	4.4
9. Unemployment Rate, Total . . .	Percent	Oct.	3.3*	3.5*	3.3	3.7	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	Oct.	1.1	1.3	1.3	1.2	xxx	xxx
11. Man-Hour Index	1967 = 100	Oct.	154.9	153.1	153.7	141.5	- 0.4	8.2
12. Personal Income	Million Dollars	Aug.	1,954	1,950	1,891	1,722	3.1	13.2
13. Sales Tax Collections	Thou. Dollars	Oct.	22,728	23,051	23,660	21,487	- 2.6	7.3
14.								
15. Electrical Power Sales to Industrial Users	Million KWH	Aug.	759	732	715	688	2.4	6.4
LAGGING INDICATORS								
16. Exhaustions, Unemployment Ins.	Number	Oct.	965	1,100	942	930	16.8	18.3

1/ *For historical data see pages 11-13.*

* *Preliminary Data.*

OKLAHOMA ECONOMIC INDICATORS



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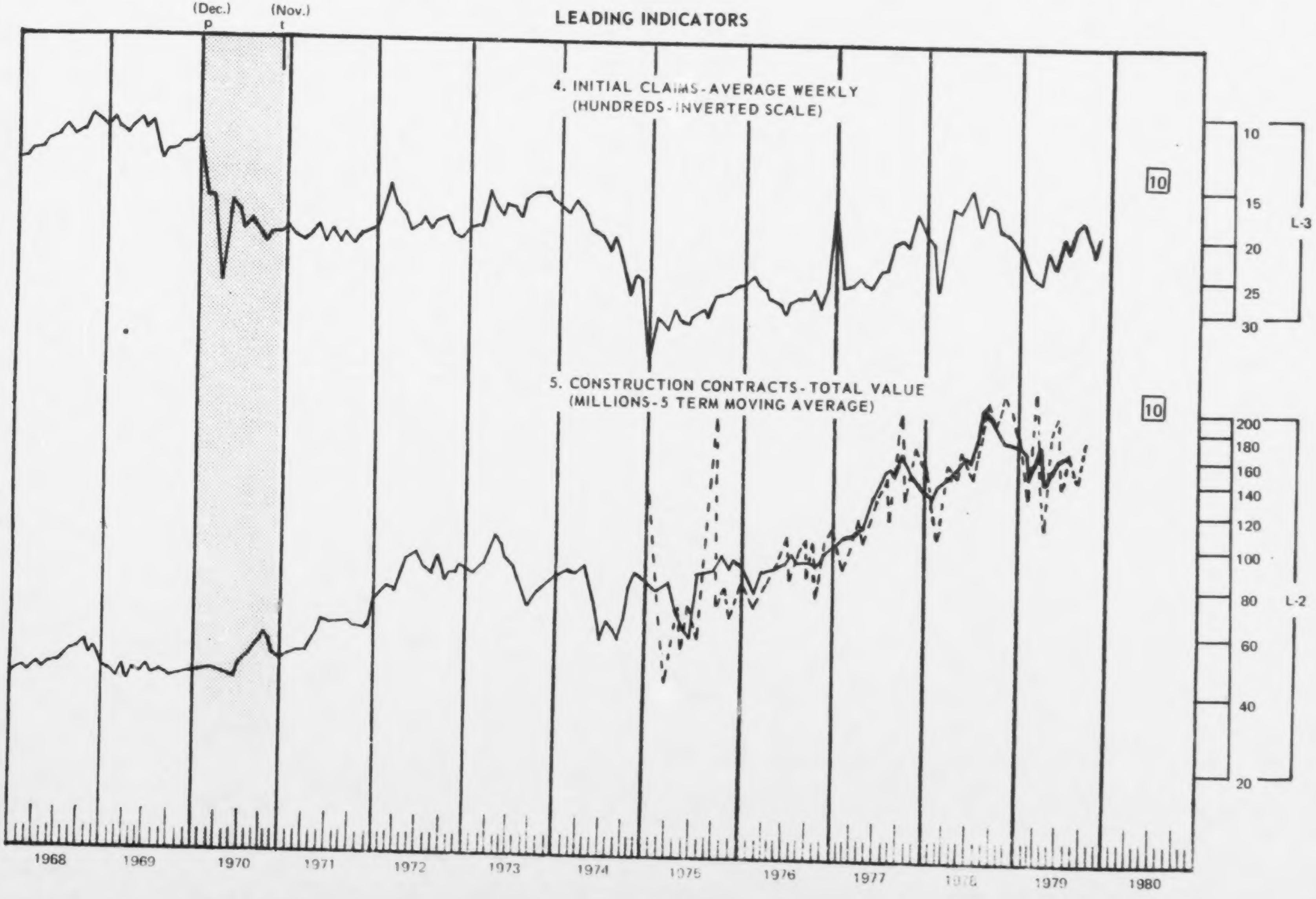
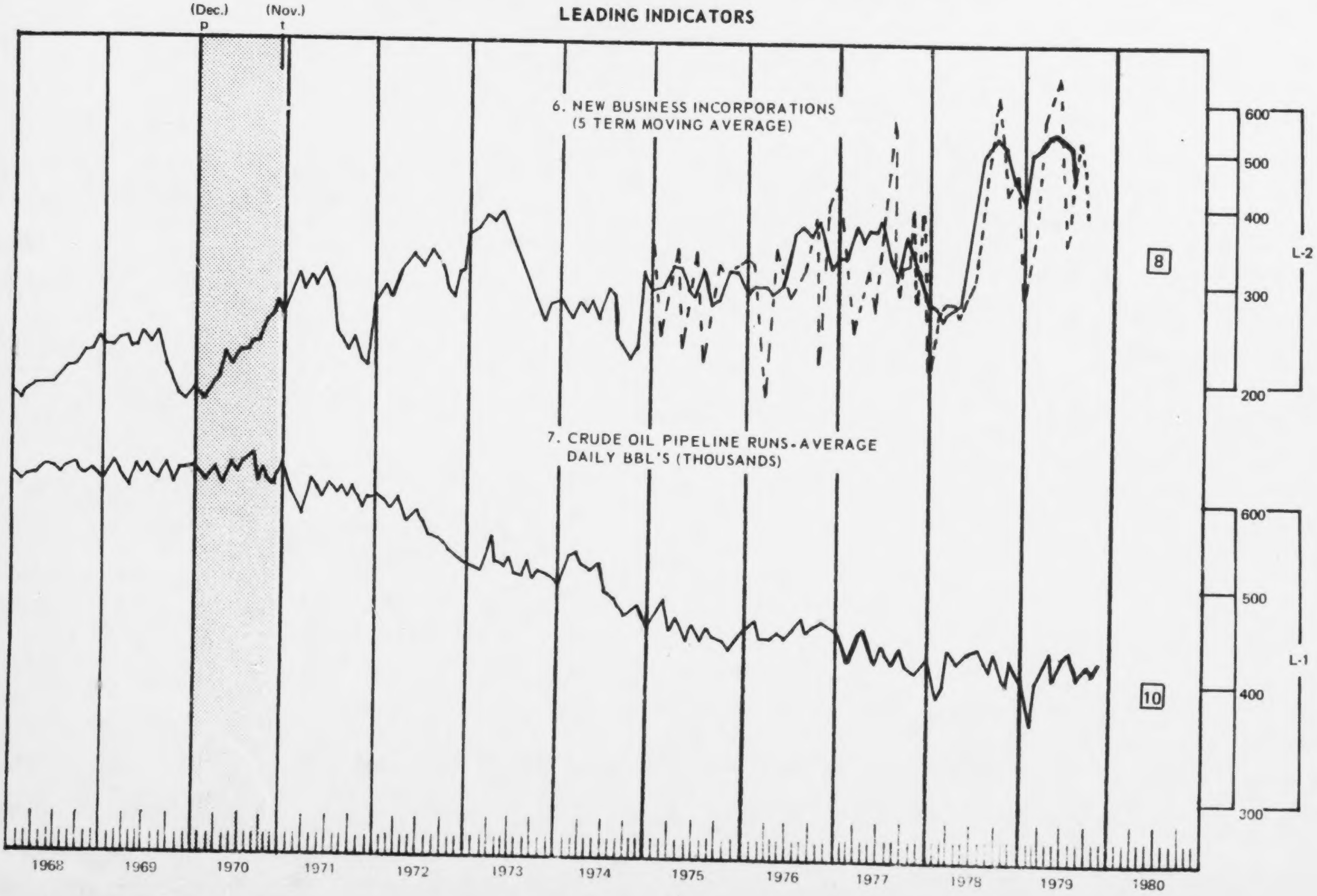


OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



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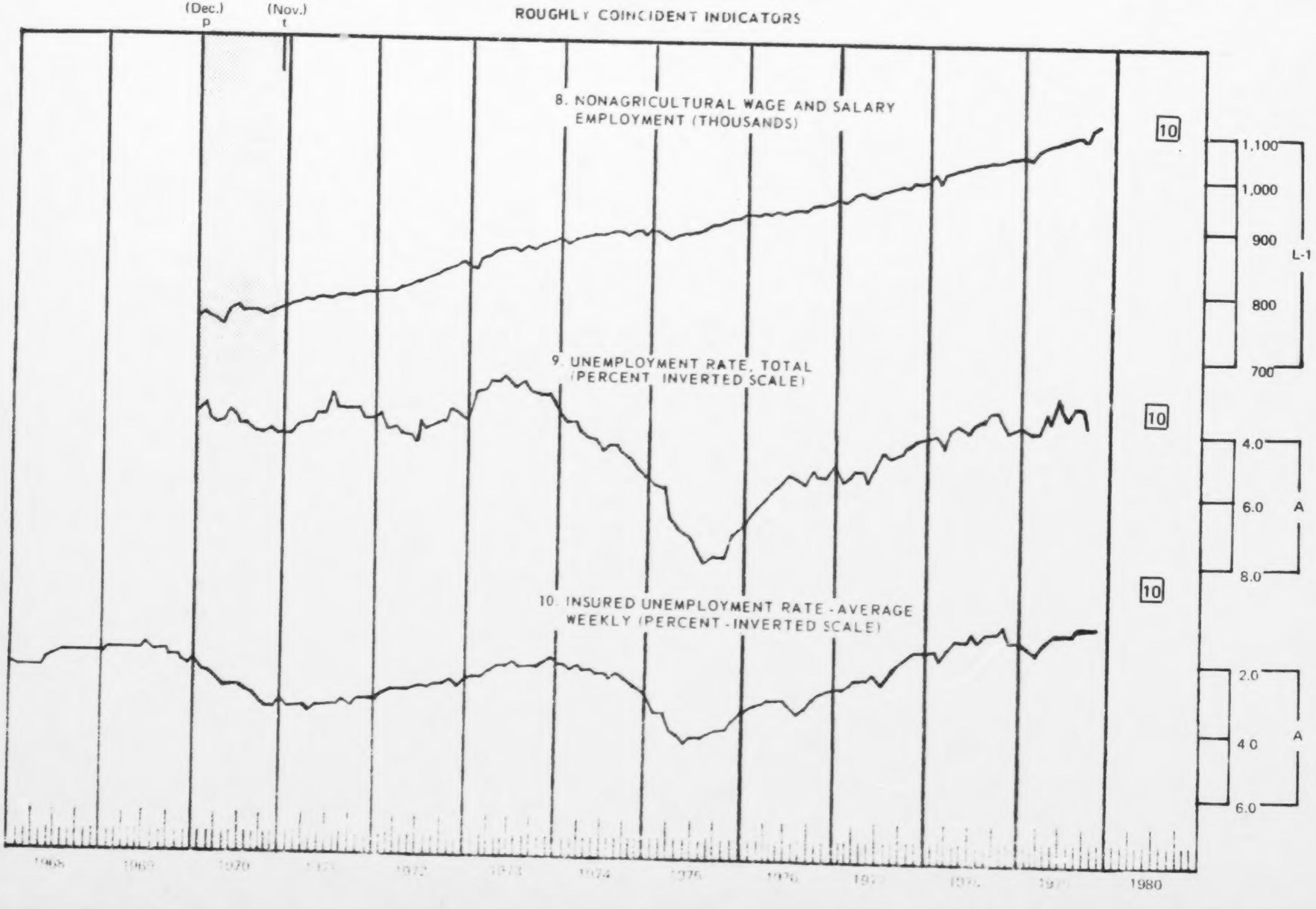

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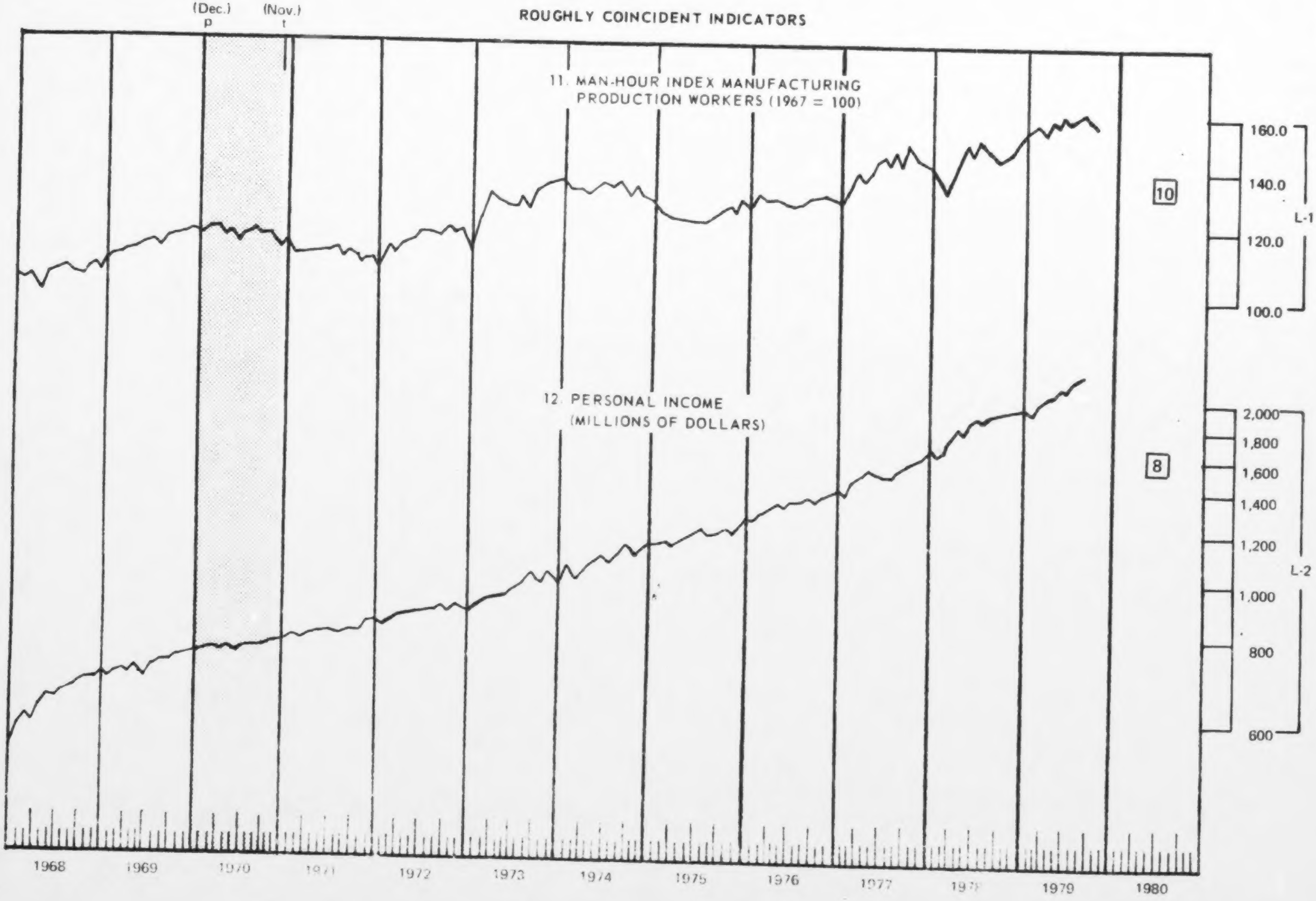
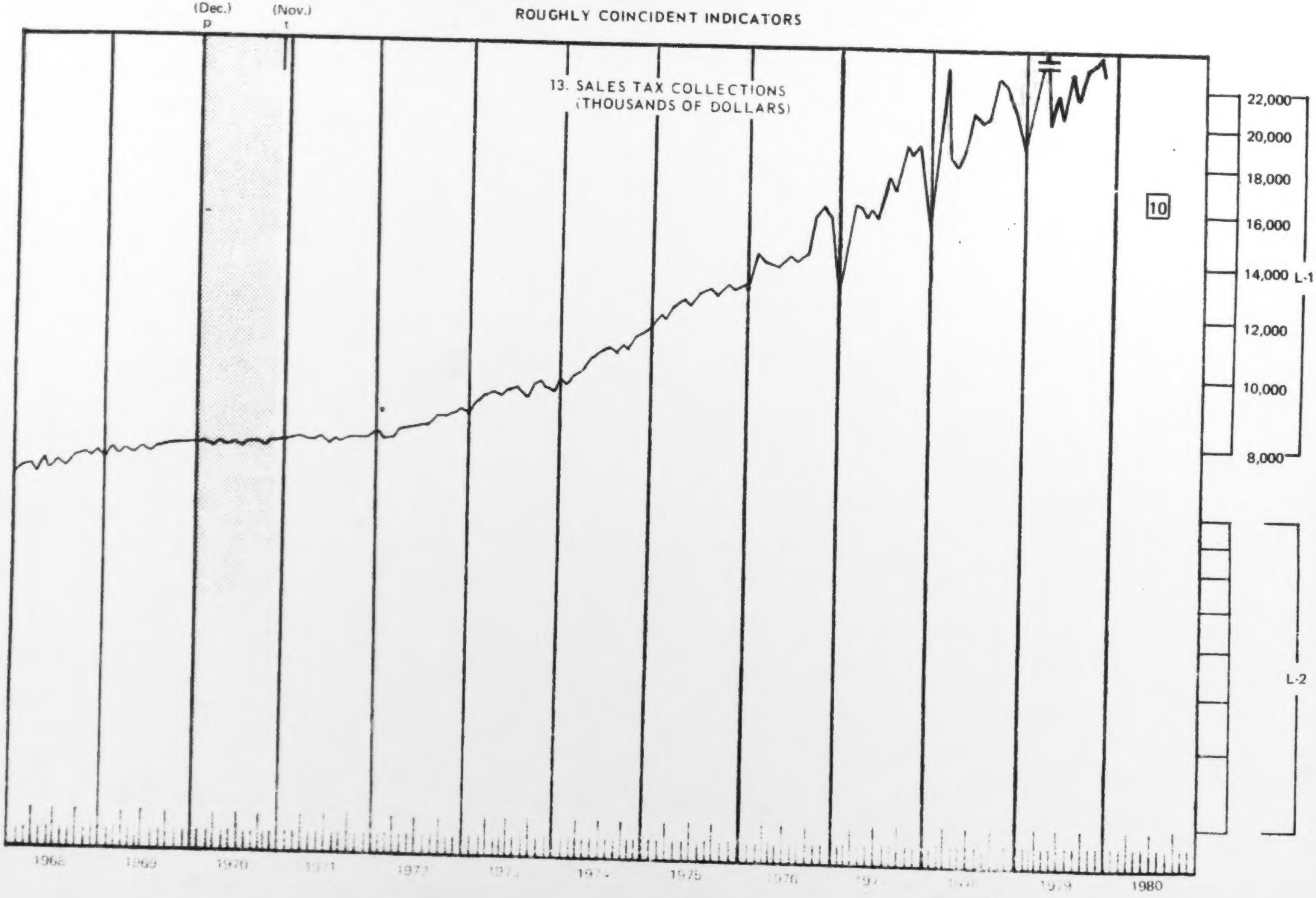


OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



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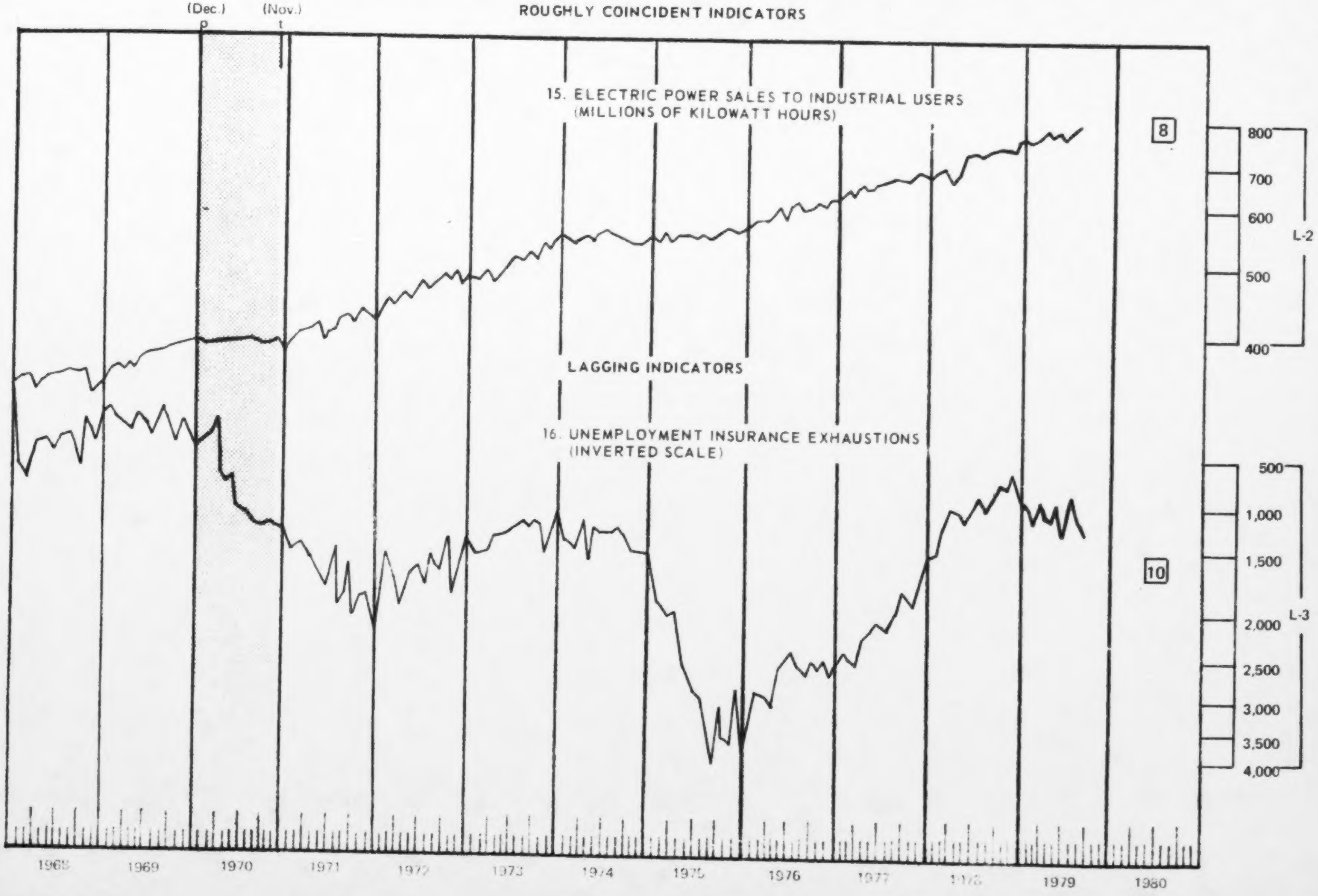

LEADING INDICATORS

Date	1 Average Workweek Manufacturing Production Workers		2 Job Openings Received Nonagricultural		3 Job Placements Nonagricultural		4 Initial Claims Average Weekly		5 Construction Contracts Total Value		6 New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1978												
Jan.	38.7	38.9	11,169	14,833	8,843	11,854	3,109	2,043	123,860	135,514	243	253
Feb.	39.0	39.3	12,076	16,565	9,308	12,561	2,995	2,681	87,883	100,899	299	283
Mar.	40.3	40.5	16,408	16,039	13,941	13,066	1,950	2,033	163,868	130,885	276	283
Apr.	40.2	40.6	17,047	15,992	13,078	12,784	1,708	1,788	189,283	151,669	296	271
May	40.1	40.4	18,190	16,551	13,683	13,628	1,666	1,797	159,515	143,967	317	274
Jun.	40.6	40.6	21,091	17,387	19,330	15,232	1,387	1,550	165,684	164,532	307	302
Jul.	40.2	40.3	18,309	17,208	15,923	14,649	1,909	1,898	164,822	140,633	302	322
Aug.	40.7	40.6	21,141	17,202	17,814	14,932	1,430	1,647	150,172	158,744	560	541
Sep.	40.8	40.4	20,621	17,978	16,308	14,509	1,434	1,738	200,076	203,329	572	636
Oct.	40.2	40.2	16,644	14,435	14,710	12,519	1,845	1,982	169,129	186,677	347	405
Nov.	40.4	39.9	12,822	16,355	10,746	12,672	1,934	2,015	221,777	278,265	386	417
Dec.	41.0	40.5	14,116	19,024	12,012	16,591	2,166	2,089	137,555	175,074	312	293
1979												
Jan.	40.3	40.5	12,206	16,210	10,707	14,353	3,781	2,484	116,523	127,487	313	326
Feb.	40.3	40.6	12,317	16,896	10,599	14,304	2,974	2,662	169,824	194,976	576	545
Mar.	40.4	40.6	15,825	15,469	14,797	13,868	2,058	2,146	175,097	139,854	637	653
Apr.	39.9	40.3	16,179	15,177	14,472	14,147	2,256	2,362	137,099	109,855	476	435
May	40.4	40.7	17,781	16,179	15,781	15,718	1,944	2,097	171,483	154,768	398	343
Jun.	40.3	40.3	22,003	18,139	19,305	15,213	1,940	2,168	178,468	177,227	439	432
Jul.	40.5	40.6	18,750	17,622	16,142	14,850	2,099	2,086	143,658	122,575	472	504
Aug.	40.7	40.6	19,620	15,964	17,430	14,610	1,700	1,959	151,637	160,293	376	363
Sep.	40.7	40.3	16,470	14,359	14,284	12,708	1,767	2,142	143,087	145,414		
Oct.	40.3*	40.3*	17,987	15,600	15,933	13,560	1,973	2,119	145,499	160,595		
Nov.												
Dec.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7		8		9		10		11	
	Crude Oil Pipeline Runs, Average Daily Barrels		Nonagricultural Wage and Salary Employment		Unemployment Rate, Total		Insured Unemployment Rate Average Weekly		Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1978										
Jan.	398.5	387.7	988.1	997.1	4.3	4.1	2.2	1.8	134.7	137.2
Feb.	398.5	402.9	985.4	996.4	5.0	4.8	2.4	2.1	134.0	135.2
Mar.	440.4	439.0	1005.1	1012.2	4.0	3.9	2.0	1.8	138.0	140.1
Apr.	426.1	421.0	1016.5	1019.6	3.7	3.8	1.5	1.4	138.8	141.2
May	419.6	421.7	1029.3	1024.2	3.7	3.7	1.4	1.4	140.7	142.7
Jun.	419.1	422.1	1035.4	1030.2	4.0	3.8	1.3	1.3	144.0	143.0
Jul.	413.6	417.7	1030.1	1034.2	3.9	3.7	1.4	1.4	142.1	142.7
Aug.	424.4	421.9	1037.0	1036.0	3.6	3.6	1.2	1.3	144.9	144.0
Sep.	408.2	409.0	1045.3	1039.1	3.5	3.6	1.1	1.3	144.0	142.3
Oct.	400.9	398.2	1045.9	1039.7	3.6	3.7	1.0	1.2	143.2	141.5
Nov.	406.0	410.5	1047.2	1043.0	3.8	3.9	1.3	1.4	145.3	142.3
Dec.	399.5	402.0	1051.8	1044.5	3.6	3.8	1.4	1.4	151.5	148.8
1979										
Jan.	369.8	359.7	1034.1	1043.5	4.0	3.7	2.1	1.8	147.9	150.6
Feb.	386.6	390.9	1038.8	1050.4	4.2	3.9	2.2	1.9	147.9	149.7
Mar.	410.5	409.3	1052.9	1060.3	3.6	3.5	1.8	1.6	150.4	152.7
Apr.	403.8	399.1	1059.2	1062.4	3.6	3.6	1.5	1.4	150.3	152.9
May	404.6	406.7	1069.6	1064.3	3.1	3.2	1.4	1.4	152.7	154.9
Jun.	405.5	408.4	1080.3	1074.9	3.5	3.3	1.4	1.4	153.7	152.6
Jul.	391.9	395.8	1079.3	1079.7	3.5	3.4	1.3	1.3	153.8	154.4
Aug.	404.8	402.4	1084.1	1083.0	3.3	3.3	1.2	1.3	155.5	154.6
Sep.	396.8	397.6	1091.2	1084.7	3.2	3.3	1.1	1.3	155.5	153.7
Oct.	402.4	399.7	1091.7*	1085.2*	3.3*	3.5*	1.1	1.3	154.9*	153.1*
Nov.										
Dec.										

* *Preliminary Data*

ROUGHLY COINCIDENT INDICATORS

LAGGING INDICATORS

	12 Personal Income		13 Sales Tax Collections		14 •		15 Electrical Power Sales to Industrial Users		16 Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)				(Millions of Kilowatt Hours)		(Number)	
1978										
Jan.	1,548	1,572	21,544	23,701			651	660	1,674	1,522
Feb.	1,545	1,573	16,787	18,468			652	665	1,331	1,347
Mar.	1,596	1,620	17,004	18,109			602	635	1,159	1,068
Apr.	1,613	1,629	18,245	18,579			635	638	1,093	1,071
May	1,643	1,655	20,627	20,362			668	673	1,235	1,092
Jun.	1,684	1,648	20,050	19.447			695	685	972	960
Jul.	1,690	1,662	19,961	19,550			695	679	959	999
Aug.	1,725	1,722	23,000	22,244			713	688	1,059	970
Sep.	1,732	1,713	22,567	22,060			723	690	733	861
Oct.	1,739	1,723	21,186	21,487			685	681	816	930
Nov.	1,773	1,766	20,901	21,415			691	694	767	795
Dec.	1,815	1,811	21,510	18,306			686	704	877	961
1979										
Jan.	1,768	1,795	25,820	28,382			684	694	1,125	1,023
Feb.	1,785	1,818	18,048	19,855			701	715	1,113	1,127
Mar.	1,820	1,848	19,683	20,962			695	733	1,077	993
Apr.	1,835	1,854	19,856	20,220			718	721	1,095	1,072
May	1,859	1,872	22,804	22,511			718	723	1,257	1,111
Jun.	1,899	1,858	22,649	21,968			713	702	1,012	999
Jul.	1,923	1,891	25,084	22,609			732	715	1,192	1,242
Aug.	1,954	1,950	24,396	23,594			759	732	1,013	928
Sep.			24,204	23,660					802	942
Oct.			22,728	23,051					965	1,100
Nov.										
Dec.										

• *Preliminary Data*

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Production Workers.** Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. Source: **Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural.** Comprised of nonagricultural job openings placed by employers with the Oklahoma Employment Service. Source: **Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. Source: **Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial unemployment insurance claims for benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. Source: **Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total value of contracts awarded for residential and nonresidential building in Oklahoma. Non-building contracts are not included. Source: **F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. Source: **Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. Source: **Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** Includes all wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. Source: **Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Number of persons estimated to be unemployed in Oklahoma based on methods prescribed by U.S. Department of Labor. Source: **Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers in covered employment for the most recent available 12-month period. Source: **Oklahoma Employment Security Commission.**

11. **Man-hour Index.** The total hours worked by manufacturing production workers in Oklahoma. The base period of 1967 = 100 percent. Source: **Oklahoma Employment Security Commission.**

12. **Personal Income.** The current income received by individuals in Oklahoma from all sources. Source: **Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two-percent sales tax collections for report month relate to month of actual sales. City sales tax not included. Source: **Oklahoma Tax Commission.**

14.

15. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. Source: **Edison Electric Institute.**

Lagging Indicators

16. **Unemployment Insurance Exhaustions.** Data relate to unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. Source: **Oklahoma Employment Security Commission.**

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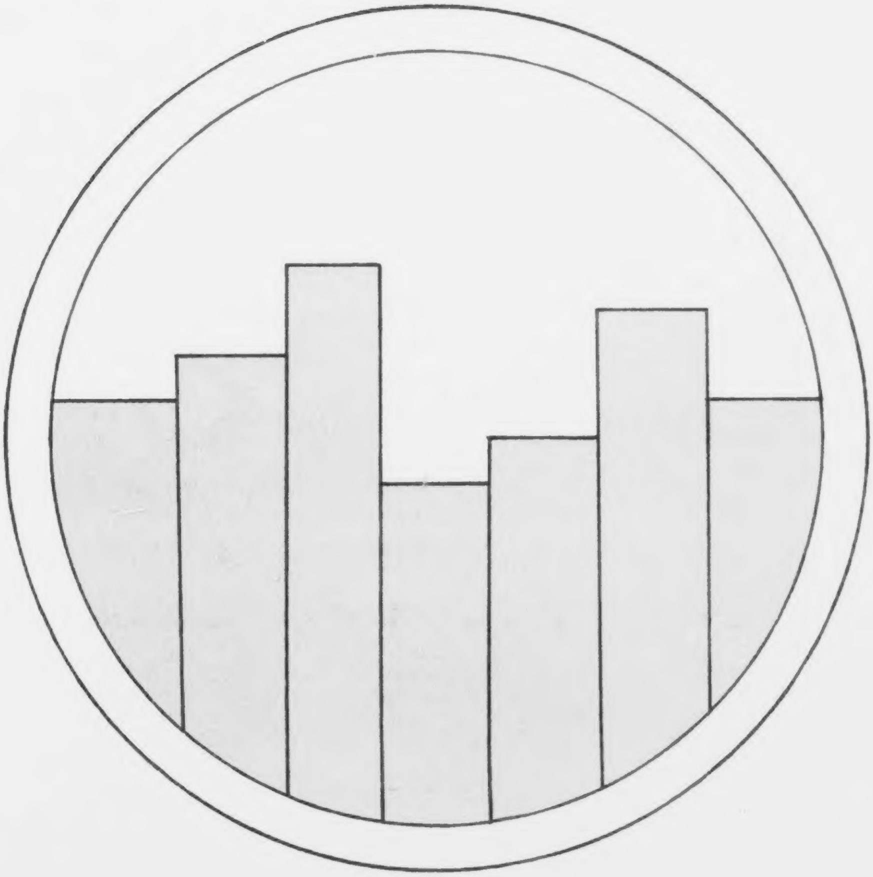
OKLAHOMA ECONOMIC INDICATORS

December 1979



JOB SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

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Labor Market

The labor market advanced as five of the indicators increased and four decreased from one month earlier. Nonagricultural wage and salary employment and the man-hour index moved favorably indicating some economic optimism on the part of manufacturers. In addition, nonagricultural job openings and job placements continued to rise during November. The labor market strengthened during the month and with support from the other sectors of the economy appears to have regained a generally upward course. Few of the labor market series have recorded dramatic changes during the past year, but nearly all levels are above one year ago.

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The business sector stabilized during the month as two of the indicators recorded a gain and two registered a loss. Construction contracts awarded and electrical power sales to industrial users decreased slightly in comparison to recent months. Uncertainty on the part of business to step up production seems to have temporarily vanished, however, as crude oil production and the number of new businesses increased.

Finance

The overall financial series moved favorably during November. Seasonally adjusted personal income was unchanged during the month as sales tax collections increased. Apparently, consumers are becoming less reluctant to spend their increasing incomes on goods and services. The financial trends should continue to improve and, hopefully, provide much needed support to other areas of the economy.

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CHANGE FROM PREVIOUS MONTH AND YEAR [1]

INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	Nov.	40.7*	40.2*	40.4	39.9	- 0.5	0.8
2. Job Openings Received, Nonag.	Number	Nov.	14,634	18,658	15,600	16,355	19.6	14.1
3. Job Placements, Nonag.	Number	Nov.	12,792	15,085	13,560	12,672	11.2	19.0
4. Initial Claims, Average Weekly	Number	Nov.	2,351	2,449	2,119	1,982	15.6	23.6
5. Construction Contracts	Thou. Dollars	Nov.	124,316	155,980	160,595	278,265	- 2.9	- 43.9
6. New Business Incorporations	Number	Sept.	476	529	363	636	45.7	- 16.8
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	Nov.	399.4	403.8	399.7	410.5	1.0	- 1.6
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	Nov.	1,098.5*	1,094.1*	1,086.8	1,043.0	0.7	4.9
9. Unemployment Rate, Total	Percent	Nov.	3.4*	3.6*	3.5	3.9	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	Nov.	1.3	1.4	1.3	1.4	xxx	xxx
11. Man-Hour Index	1967 = 100	Nov.	159.6*	156.3*	153.7	142.3	1.7	9.8
12. Personal Income	Million Dollars	Sept.	1,971	1,950	1,950	1,713	0.0	13.8
13. Sales Tax Collections	Thou. Dollars	Nov.	24,968	25,582	23,051	21,415	11.0	19.4
14. Electrical Power Sales to Industrial Users	Million KWH	Sept.	753	719	732	690	- 1.8	4.2
LAGGING INDICATORS								
15. Exhaustions, Unemployment Ins.	Number	Nov.	901	934	1,100	795	- 15.1	17.5

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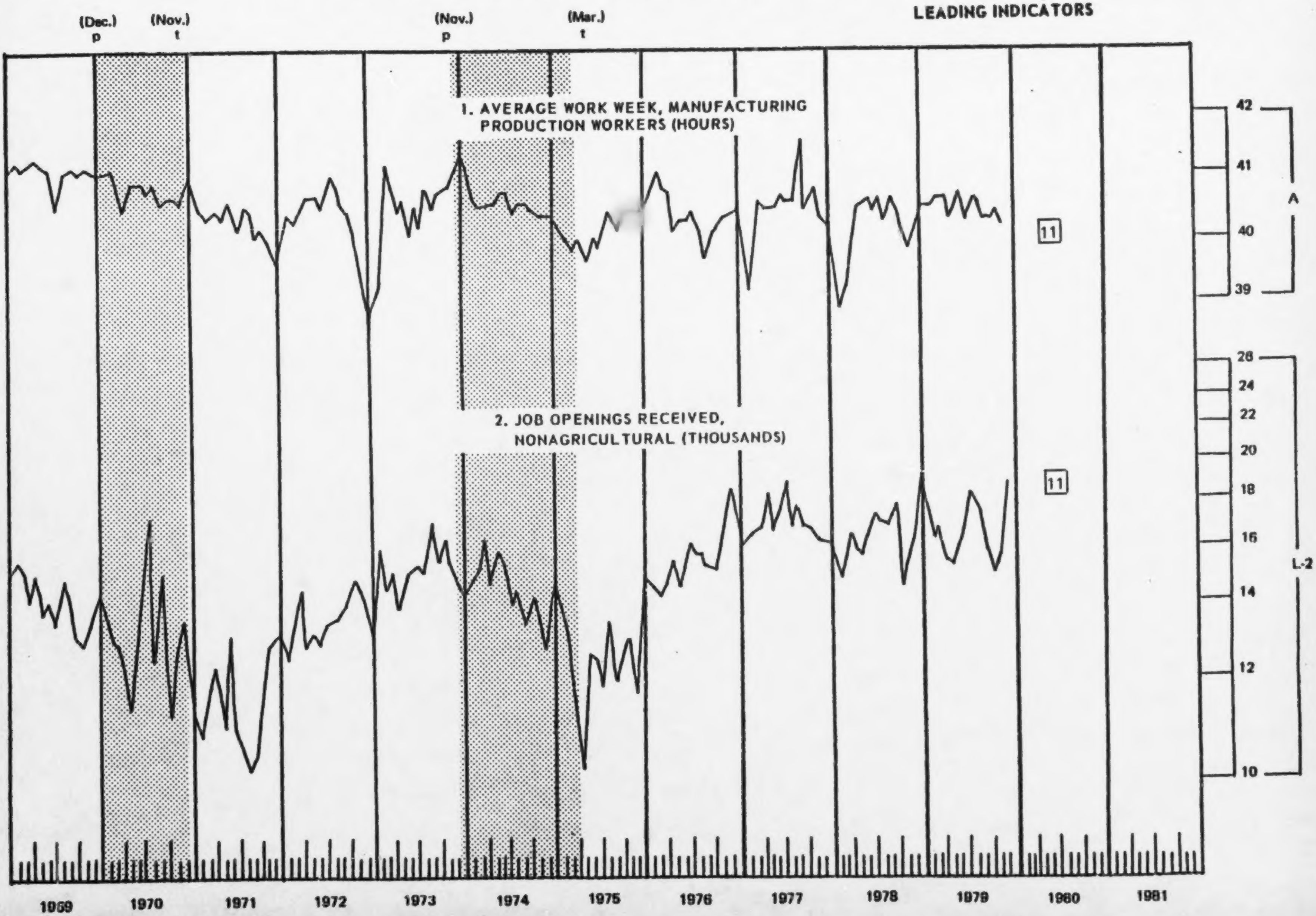
[1] *For historical data see pages 11-13.*

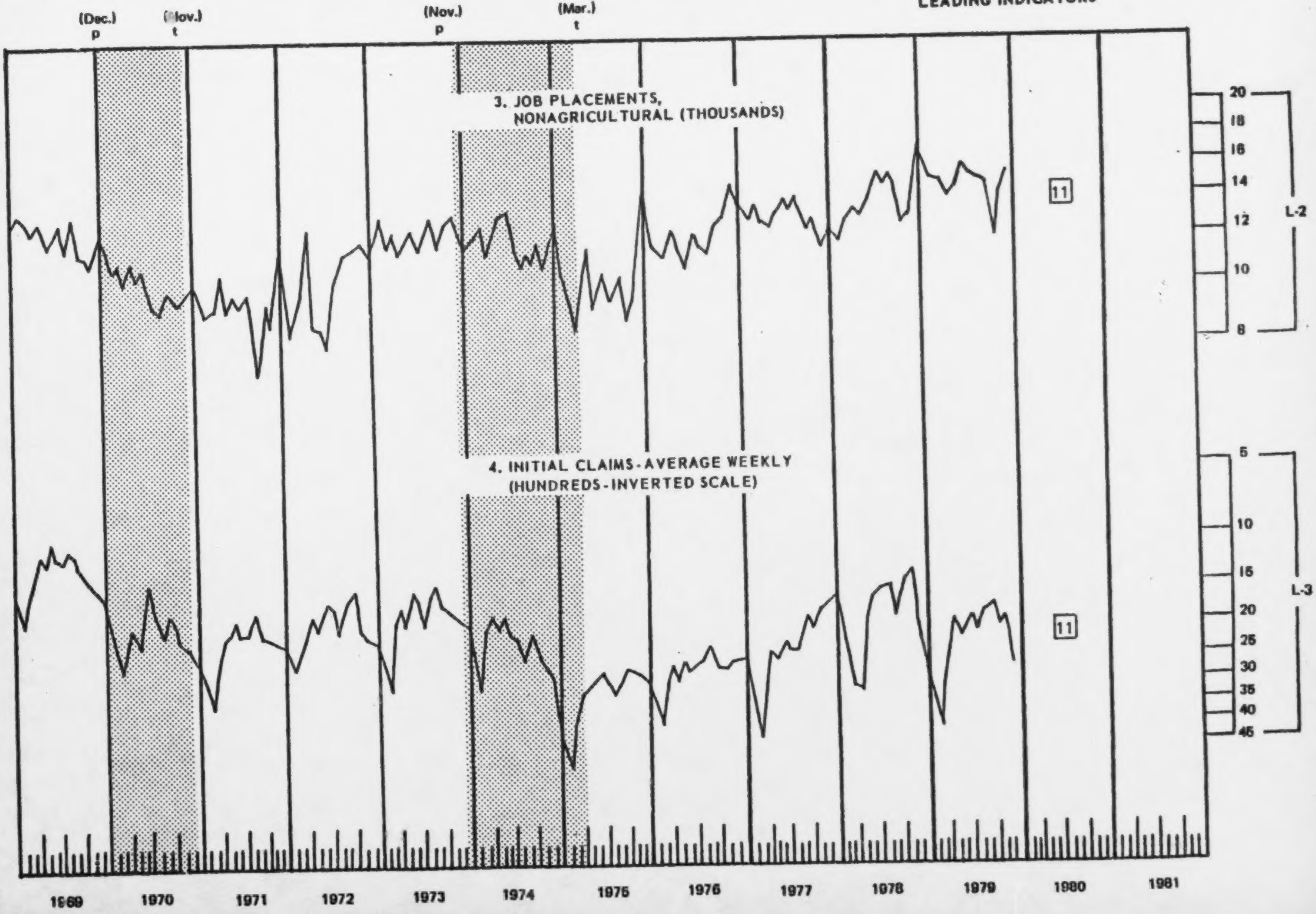
* *Preliminary Data.*

OKLAHOMA ECONOMIC INDICATORS



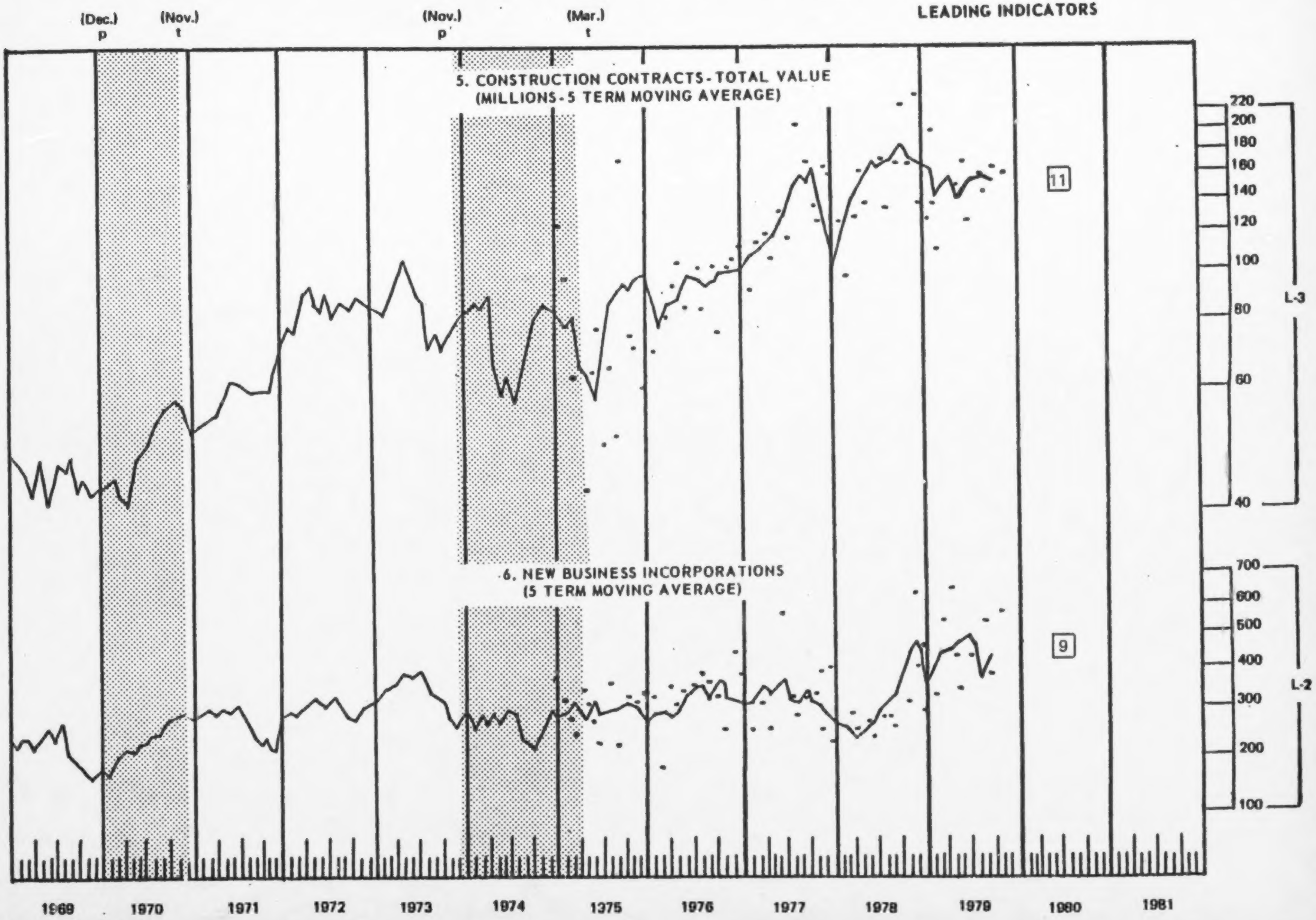
OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



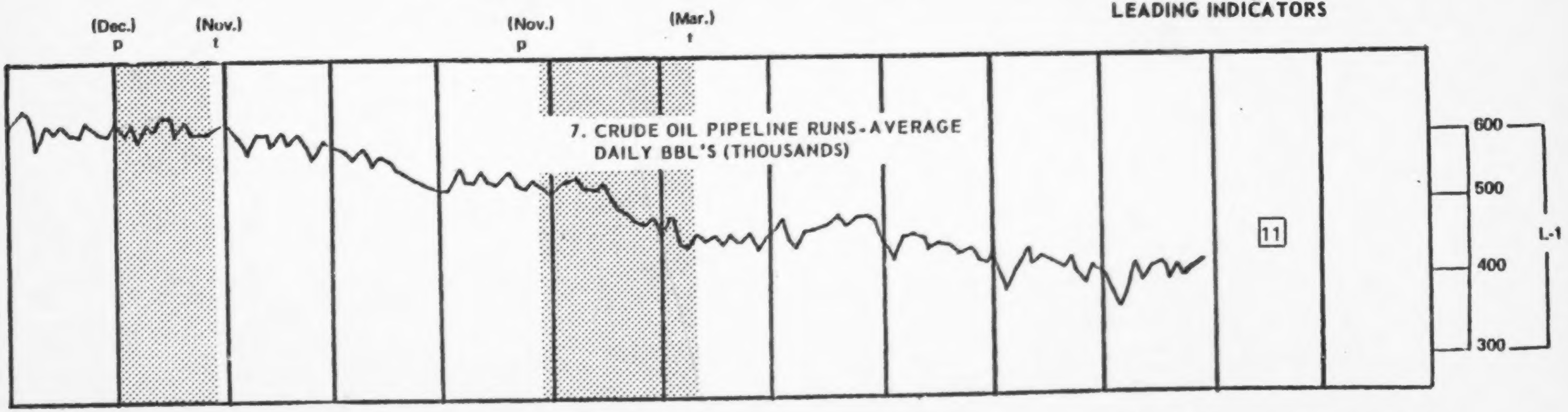
OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS

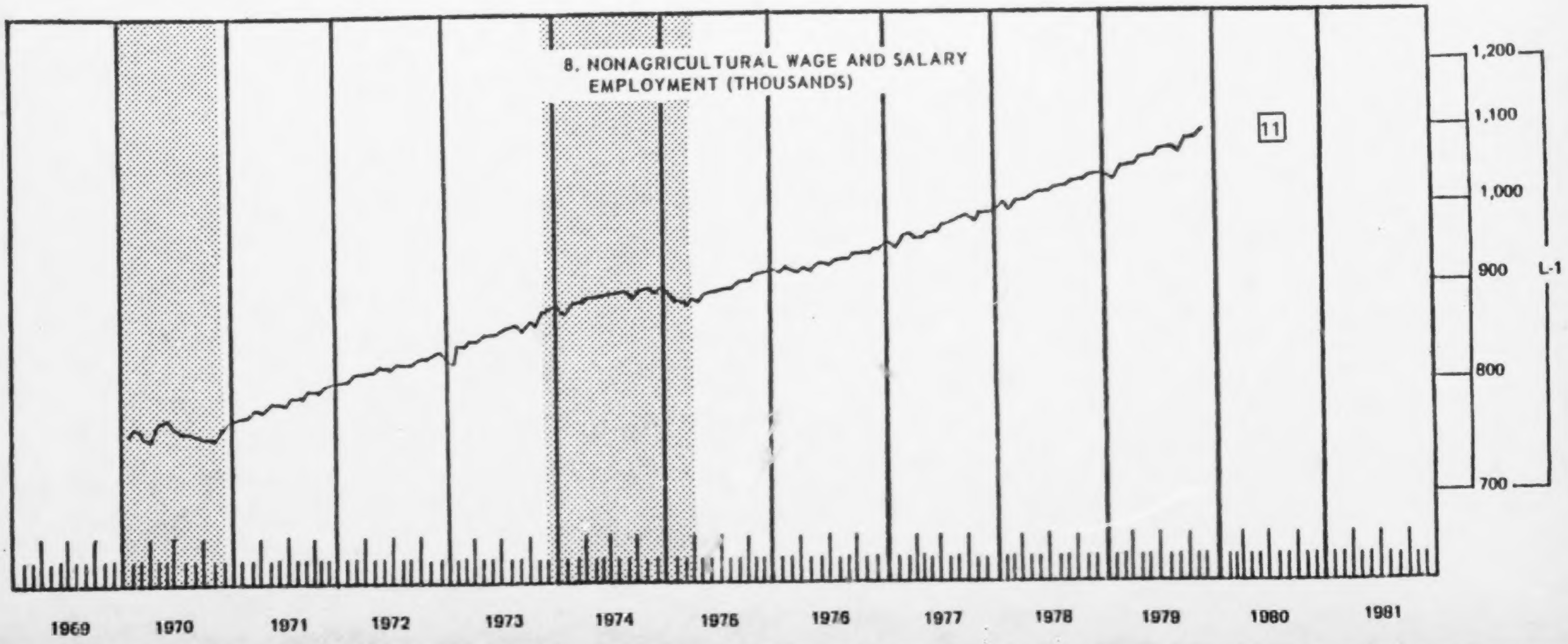


OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS

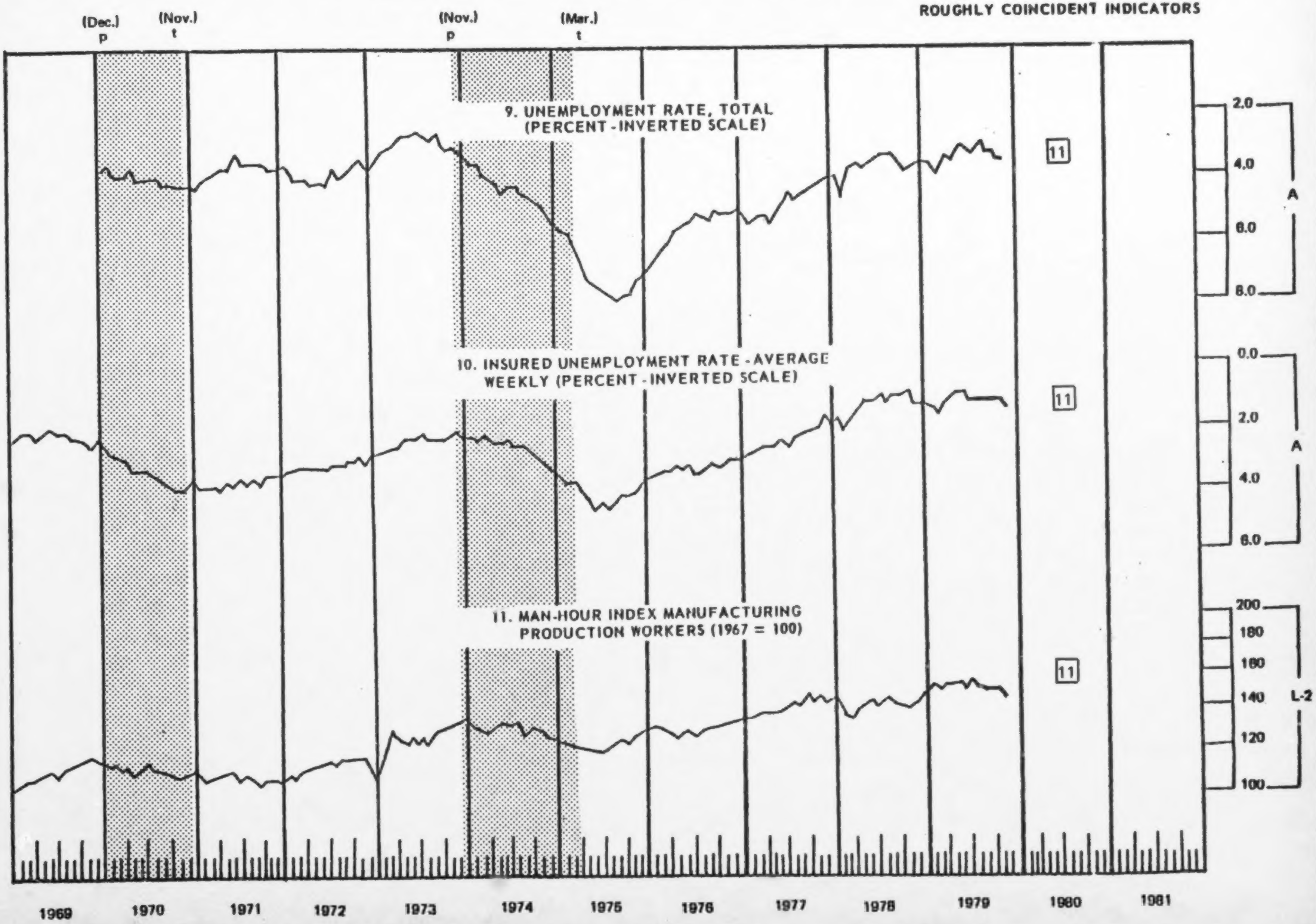


ROUGHLY COINCIDENT INDICATORS



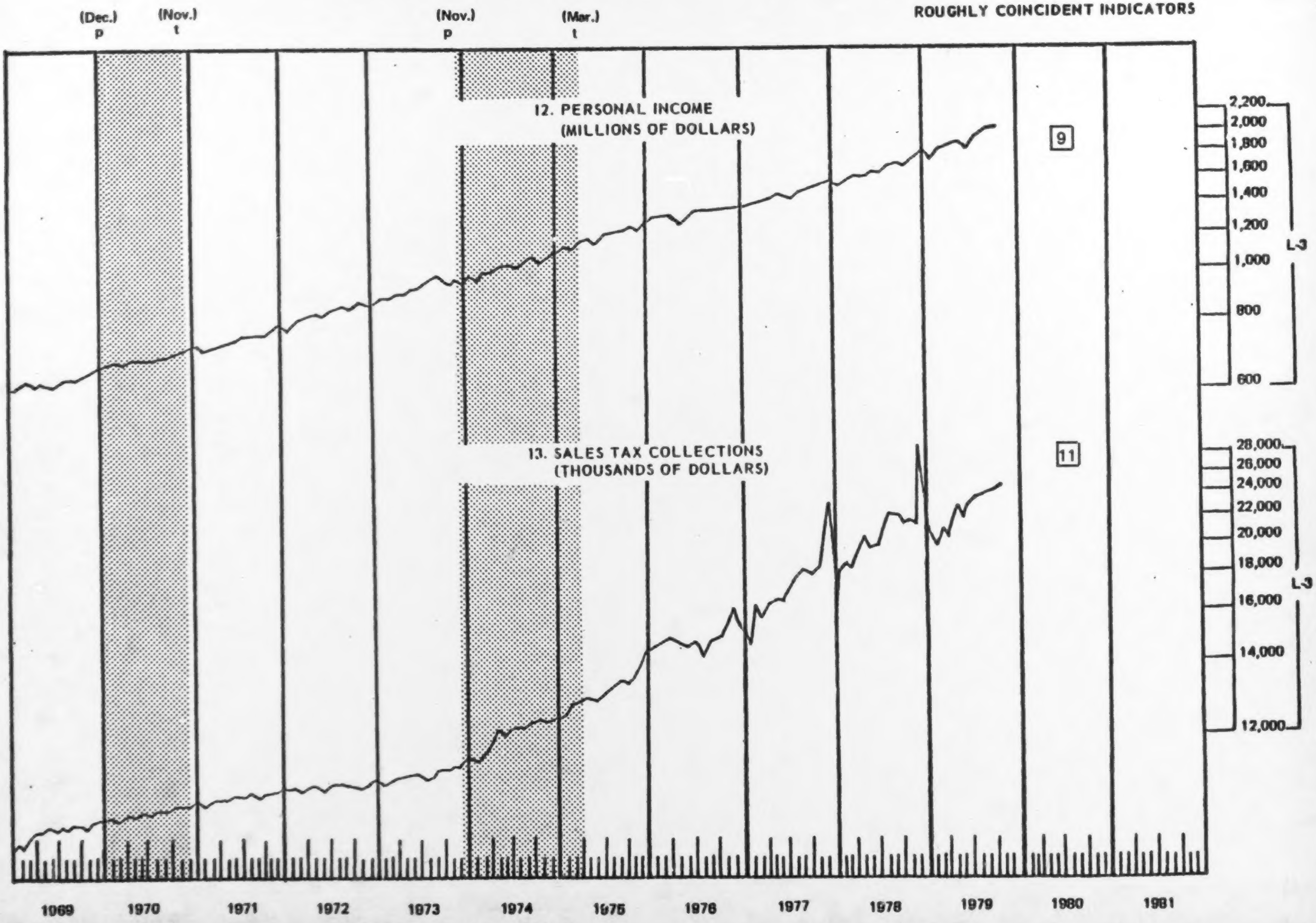
OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



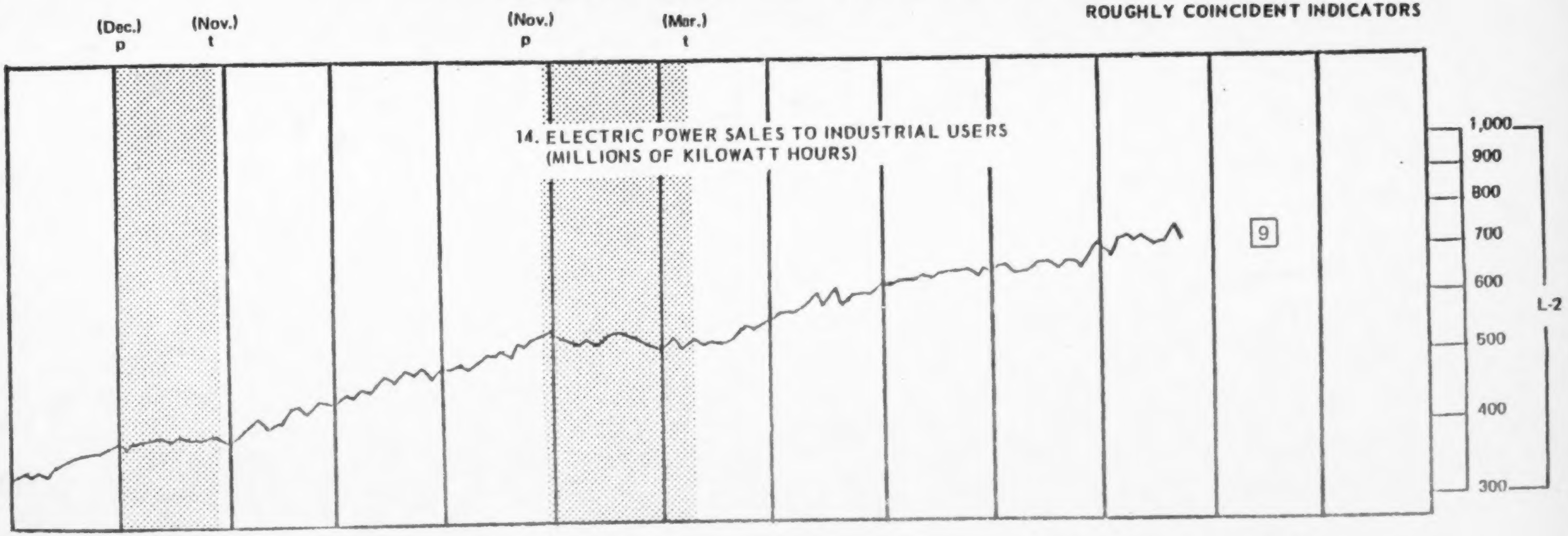
OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS

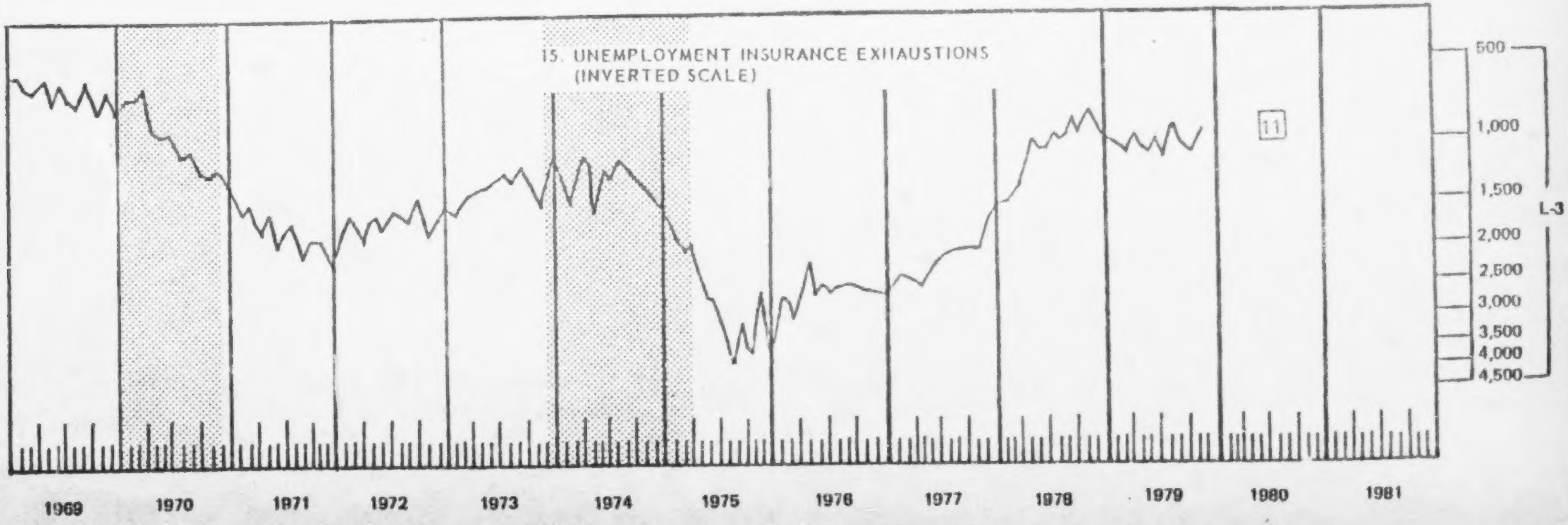


OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



LAGGING INDICATORS



LEADING INDICATORS

	1		2		3		4		5		6	
Date	**Average Workweek Manufacturing Production Workers**		**Job Openings Received Nonagricultural**		**Job Placements Nonagricultural**		**Initial Claims Average Weekly**		**Construction Contracts Total Value**		**New Business Incorporations**	
	Unadj.	**Adj.**	**Unadj.**	**Adj.**	**Unadj.**	**Adj.**	**Unadj.**	**Adj.**	**Unadj.**	**Adj.**	**Unadj.**	**Adj.**
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1978												
Oct.	40.2	40.2	16,644	14,435	14,710	12,519	1,845	1,982	169,129	186,677	347	405
Nov.	40.4	39.9	12,822	16,355	10,746	12,672	1,934	2,015	221,777	278,265	386	417
Dec.	41.0	40.5	14,116	19,024	12,012	16,591	2,166	2,089	137,608	175,074	312	293
1979												
Jan.	40.3	40.5	12,206	16,210	10,707	14,353	3,929	2,581	116,523	127,487	313	326
Feb.	40.3	40.6	12,317	16,896	10,599	14,304	2,953	2,644	169,824	194,976	576	545
Mar.	40.4	40.6	15,825	15,469	14,797	13,868	2,034	2,122	175,097	139,854	637	653
Apr.	39.9	40.3	16,179	15,177	14,472	14,147	2,256	2,362	137,099	109,855	476	435
May	40.4	40.7	17,781	16,179	15,781	15,718	1,944	2,097	171,483	154,768	398	343
Jun.	40.3	40.3	22,003	18,139	19,305	15,213	1,940	2,168	178,468	177,227	439	432
Jul.	40.5	40.6	18,750	17,622	16,142	14,850	2,099	2,086	143,658	122,575	472	504
Aug.	40.4	40.3	19,620	15,964	17,430	14,610	1,700	1,959	151,637	160,293	376	363
Sep.	40.7	40.3	16,470	14,359	14,284	12,708	1,767	2,142	143,087	145,414	476	529
Oct.	40.4	40.4	17,987	15,600	15,933	13,560	1,973	2,119	145,499	160,595		
Nov.	40.7*	40.2*	14,634	18,658	12,792	15,085	2,351	2,449	124,316	155,980		
Dec.												
1980												
Jan.												
Feb.												
Mar.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7		8		9		10		11	
	Crude Oil Pipeline Runs, Average Daily Barrels		Nonagricultural Wage and Salary Employment		Unemployment Rate, Total		Insured Unemployment Rate Average Weekly		Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1978										
Oct.	400.9	398.2	1,045.9	1,039.7	3.6	3.7	1.0	1.2	143.2	141.5
Nov.	406.0	410.5	1,047.2	1,043.0	3.8	3.9	1.3	1.4	145.3	142.3
Dec.	399.5	402.0	1,051.8	1,044.5	3.6	3.8	1.4	1.4	151.5	148.8
1979										
Jan.	369.8	359.7	1,034.1	1,043.5	4.0	3.8	1.8	1.5	147.9	150.6
Feb.	386.6	390.9	1,038.8	1,050.4	4.2	4.0	2.0	1.7	147.9	149.2
Mar.	410.5	409.3	1,052.9	1,060.3	3.6	3.5	1.6	1.4	150.4	152.7
Apr.	403.8	399.1	1,059.2	1,062.4	3.6	3.6	1.4	1.3	150.3	152.9
May	404.6	406.7	1,069.6	1,064.3	3.1	3.2	1.2	1.2	152.7	154.9
Jun.	405.5	408.4	1,080.3	1,074.9	3.5	3.3	1.2	1.2	153.7	152.6
Jul.	391.9	395.8	1,079.3	1,083.6	3.5	3.4	1.3	1.3	153.8	154.4
Aug.	404.8	402.4	1,084.1	1,083.0	3.3	3.3	1.2	1.3	154.8	153.9
Sep.	396.8	397.6	1,091.2	1,084.7	3.2	3.3	1.1	1.3	155.5	153.7
Oct.	402.4	399.7	1,093.3	1,086.8	3.3	3.5	1.1	1.3	155.5	153.7
Nov.	399.4	403.8	1,098.5*	1,094.1*	3.4*	3.6*	1.3	1.4	159.6*	156.3*
Dec.										
1980										
Jan.										
Feb.										
Mar.										

* *Preliminary Data*

	ROUGHLY COINCIDENT INDICATORS						LAGGING INDICATORS	
	12		13		14		15	
	Personal Income		Sales Tax Collections		Electrical Power Sales to Industrial Users		Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)		(Missions of Kliowatt Hours)		(Number)	
1978								
Oct.	1,739	1,723	21,186	21,487	685	681	816	930
Nov.	1,773	1,766	20,901	21,415	691	694	767	795
Dec.	1,815	1,811	21,510	18,306	686	704	877	961
1979								
Jan.	1,768	1,795	25,800	28,382	684	694	1,125	1,023
Feb.	1,785	1,818	18,048	19,855	701	715	1,113	1,127
Mar.	1,820	1,848	19,683	20,962	695	733	1,077	993
Apr.	1,835	1,854	19,856	20,220	718	721	1,095	1,072
May	1,859	1,872	22,804	22,511	718	723	1,257	1,111
Jun.	1,899	1,858	22,649	21,968	713	702	1,012	999
Jul.	1,923	1,891	23,084	22,609	732	715	1,192	1,242
Aug.	1,954	1,950	24,396	23,594	759	732	1,013	928
Sep.	1,971	1,950	24,204	23,660	753	719	802	942
Oct.			22,728	23,051			965	1,100
Nov.			24,698	25,582			901	934
Dec.								
1980								
Jan.								
Feb.								
Mar.								

* Preliminary Data

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Productions Workers.** Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. **Source: Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural.** Nonagricultural job openings placed by employers with the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial claims for unemployment insurance benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. **Source: Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total dollar value of contracts awarded for combined residential and nonresidential building in Oklahoma. Non-building contracts are not included. **Source: F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. **Source: Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. **Source: Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** All wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. **Source: Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Percent of persons estimated to be unemployed in Oklahoma based on methods prescribed by U. S. Department of Labor. **Source: Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers covered by unemployment insurance for the most recent available 12 month period. **Source: Oklahoma Employment Security Commission.**

11. **Man-Hour Index.** Total hours worked by manufacturing production workers in Oklahoma in relation to the base period of 1967=100 percent. **Source: Oklahoma Employment Security Commission.**

12. **Personal Income.** Current income received by individuals in Oklahoma from all sources. **Source: Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two percent sales tax collections for report month relate to month of actual sales. City sales taxes are not included. **Source: Oklahoma Tax Commission.**

14. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. **Source: Edison Electric Institute.**

Lagging Indicators

15. **Unemployment Insurance Exhaustions.** Number of unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. **Source: Oklahoma Employment Security Commission.**

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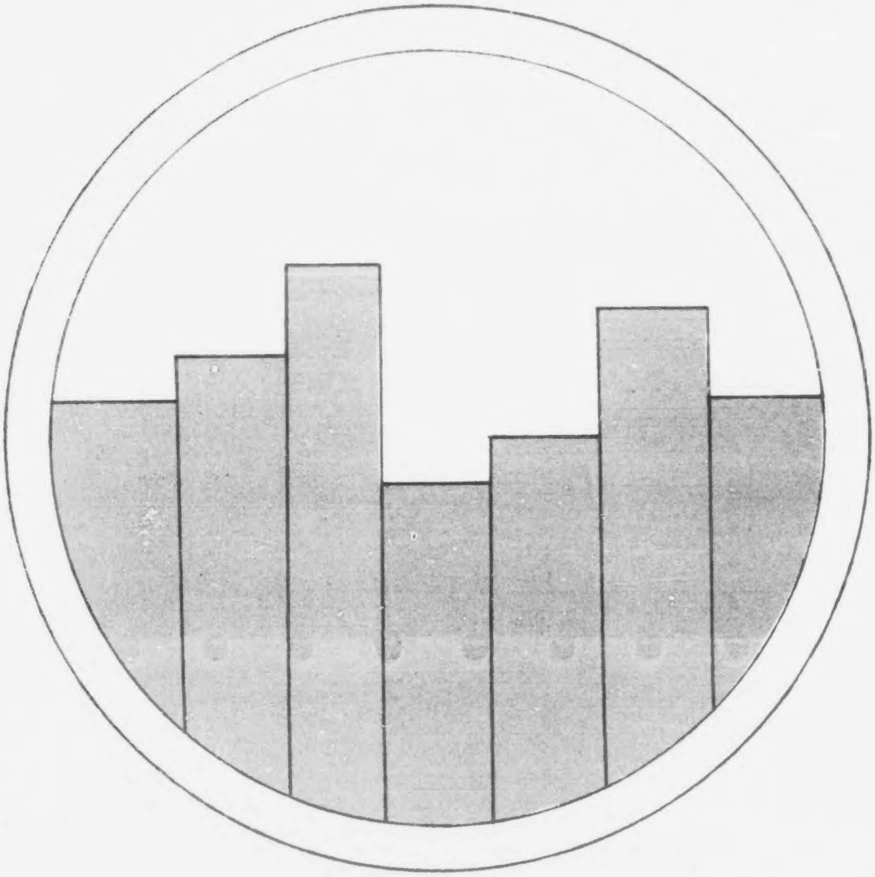
OKLAHOMA ECONOMIC INDICATORS

January 1980



JOB
SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

GEORGE NIGH, Governor
STATE OF OKLAHOMA

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE

Affiliated With the

UNITED STATES EMPLOYMENT AND TRAINING ADMINISTRATION

John Ray Green, *Chairman*

Representing Employers	*Representing Employees*
George Ollie, Jr.	**Charles M. (Mike) Nobles**
Roy Kendrick	**Clyde Smith**

Bryce A. Baggett
Executive Director

The following is a list of public employment offices of the Oklahoma State Employment Service:

LOCATION	MANAGER
ADA 1628 East Beverly Drive	Charles R. Null
ALTUS 312 West Cypress	Julio Beltran
ARDMORE 201 "A" Street, S. W.	Lee Roy Hatfield
BARTLESVILLE 501 E 5th Street	Donita McCarrell
BROKEN ARROW 704 West Oakland	Harold Martinson
CHICKASHA 628 Kansas Avenue	Gregory C. Campbell
CLAREMORE 1810 North Sioux	Ron Novotny
CLINTON 1120 Frisco Avenue	Ruth Switzer
DUNCAN 122 South 11th Street	Larry Donnell
DURANT 124 West Cedar	Michael B. Morrison
EDMOND 2120 S. Broadway Extension	Martin Bellows
ELK CITY 115 South Jefferson	James R. Hale
ENID 215 Kenwood Boulevard	A. K. Armstrong
GUYMON 707 North Main Street	Harold A. Duvall
HOLDENVILLE 115 N. Rodgers Drive	Yvonne Huser
HUGO 402 East Jackson	George Robison
IDABEL Hwy. 70 East and Brinkley Drive	Jerry Lane
LAWTON 811 "D" Avenue	Jack Manley
McALESTER 1201 East Wyandotte	Venetta Welsh
MIAMI 100 "A" Avenue, N. E.	D. Wendell Prentice

LOCATION	MANAGER
MUSKOGEE 704 East Side Boulevard	Johnnie Leeds
NORMAN 300 North Crawford	Marcus Weatherall
OKLAHOMA CITY	
919 N. W. 23rd Street	Terry Watson
4100 S. Douglas	David Slimp
8720 S. E. Fifteenth Street	Roger Pendergast
4345 N. W. 50th Street	Jacci Wirth
717 South Service Rd., Moore	Lois Lackey
3740 Springlake Drive	Audrey F. Adams
OKMULGEE 108 West Fifth Street	Erna Wilson
PONCA CITY 1201 West Grand	Virgil E. Mehlig
POTEAU 305 Clayton	Neville M. Brehm
PRYOR 219 N. E. First Street	John Carter
SALLISAW 204 North Elm	John R. McMahan
SAPULPA 1612 South Main	Lucille Mitchell
SEMINOLE 111 North Fourth Street	Warren Schroeder
SHAWNEE 127 North Park	Ann Higley
STILLWATER 730 South Western	Terry Coleman
TAHLEQUAH 1611 South Muskogee	Gary Harrington
TULSA	
818 South Boston	Gene Hunter
3105 East Skelly Drive	Peggy Phillips
11322B East 21st Street	Richard Robey
567 E. 36th St., North	Vacie Deal
401-J East Broadway Sand Springs	Rex Terrill
WOODWARD 1106 Texas Avenue	Kenneth Alexamder

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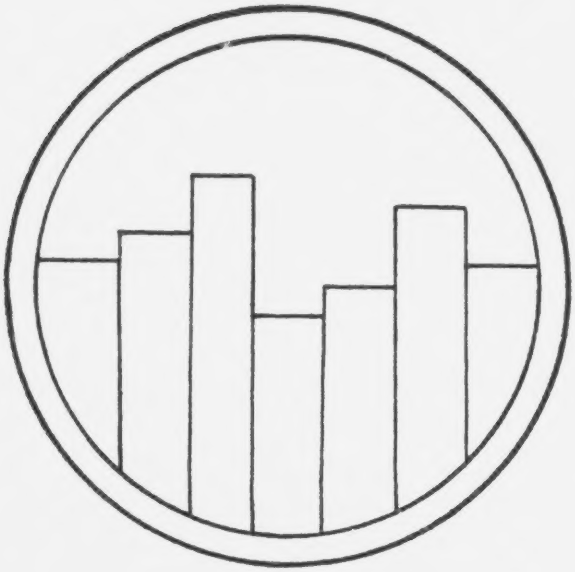
OKLAHOMA ECONOMIC INDICATORS



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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, BRANCH MANAGER

OKLAHOMA ECONOMIC INDICATORS

January 1980

Economic activity in Oklahoma was uncertain during this report month as seven of the seasonally adjusted series advanced and seven declined. Although most sectors of the economy in Oklahoma have moved unsteadily in recent months, the overall economy has generally continued to strengthen as evidenced by the large number of indicators that have recorded above year-ago readings. The current condition of Oklahoma's economy appeared to be much better than that of the nation. However, nationwide pressures on many of the series could create an economic slowdown by mid-1980. Updated information on personal income was not available at the time of this release.

Labor Market

The labor market gained momentum as five of the indicators increased and four decreased from one month earlier. Nonagricultural wage and salary employment and the man-hour index once again moved favorably indicating at least some short-term economic optimism on the part of manufacturers. In contrast, nonagricultural job openings and job placements slipped downward during December. The labor market strengthened during the month and with support from the other sectors of the economy appears to have regained a generally upward course. Few of the labor market series have recorded dramatic changes during the past year, but nearly all levels were above one year ago.

Business

The business sector was mixed during the month as two of the indicators recorded a gain and two registered a loss. Construction contracts awarded and electrical power sales to industrial users increased slightly in comparison to recent months. Uncertainty on the part of business to step up long-term production seems to have returned, however, as crude oil pipeline runs and the number of new businesses decreased.

Finance

The overall financial series hesitated during December as seasonally adjusted sales tax collections declined. Apparently, consumers are becoming less reluctant to spend their increasing incomes on goods and services. The financial trends should improve and, hopefully, provide much needed support to other areas of the economy.

OKLAHOMA ECONOMIC INDICATORS

Introductory Notes

The techniques and format of this publication are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, *"Business Conditions Digest,"* issued by the U. S. Department of Commerce. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide for Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ([5] = May).

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Dots indicate actual monthly data where a moving average is plotted.

Parellel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.) of a series.

Four items pertaining to unemployment (series 4, 9, 10 and 15) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

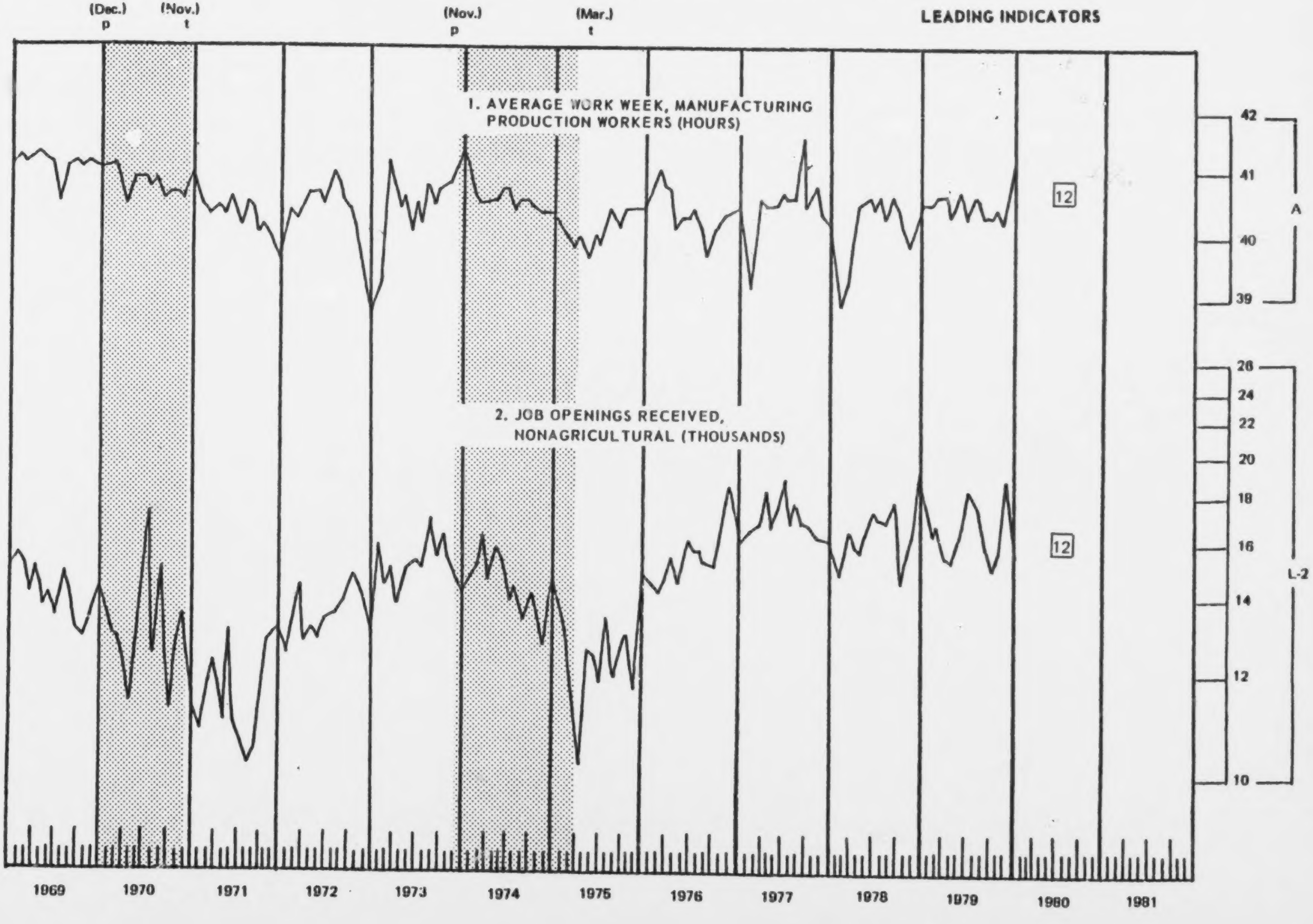
CHANGE FROM PREVIOUS MONTH AND YEAR 1/

INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	Dec.	41.4*	40.9*	40.0	40.9	2.2	0.0
2. Job Openings Received, Nonag. . .	Number	Dec.	11,279	15,201	18,658	19,024	- 18.5	- 20.1
3. Job Placements, Nonag.	Number	Dec.	9,812	13,552	15,085	16,591	- 10.2	- 18.3
4. Initial Claims, Average Weekly . .	Number	Dec.	2,533	2,443	2,449	2,089	- 0.2	16.9
5. Construction Contracts	Thou. Dollars	Dec.	133,305	169,599	155,980	175,074	8.7	- 3.1
6. New Business Incorporations . . .	Number	Oct.	412	481	529	405	- 9.1	18.8
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	Dec.	379.4	381.6	403.8	402.0	- 5.5	- 5.1
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	Dec.	1,105.2*	1,097.5*	1,093.7	1,044.5	0.3	5.1
9. Unemployment Rate, Total . . .	Percent	Dec.	3.5*	3.7*	3.6	3.8	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	Dec.	1.5	1.5	1.4	1.4	xxx	xxx
11. Man-Hour Index	1967 = 100	Dec.	162.5*	159.6*	155.4	148.8	2.7	7.3
12. Personal Income	Million Dollars							
13. Sales Tax Collections	Thou. Dollars	Dec.	23,340	19,864	25,582	18,306	- 22.4	8.5
14. Electrical Power Sales to Industrial Users.	Million KWH	Oct.	730	726	719	681	1.0	6.6
LAGGING INDICATORS								
15. Exhaustions, Unemployment Ins.	Number	Dec.	849	930	934	961	- 0.4	- 3.2

1/ *For historical data see pages 11-13.*

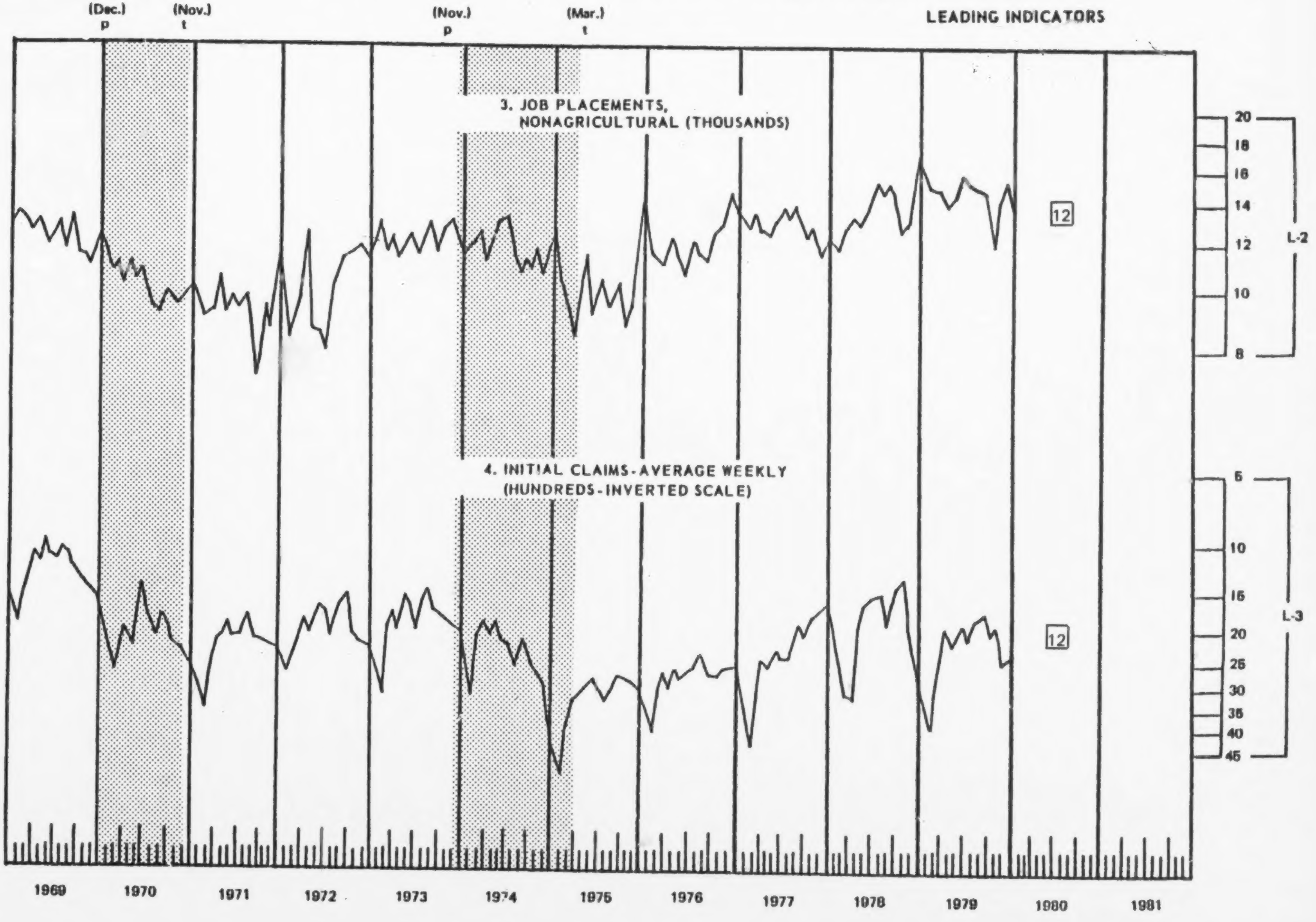
* *Preliminary Data.*

OKLAHOMA ECONOMIC INDICATORS



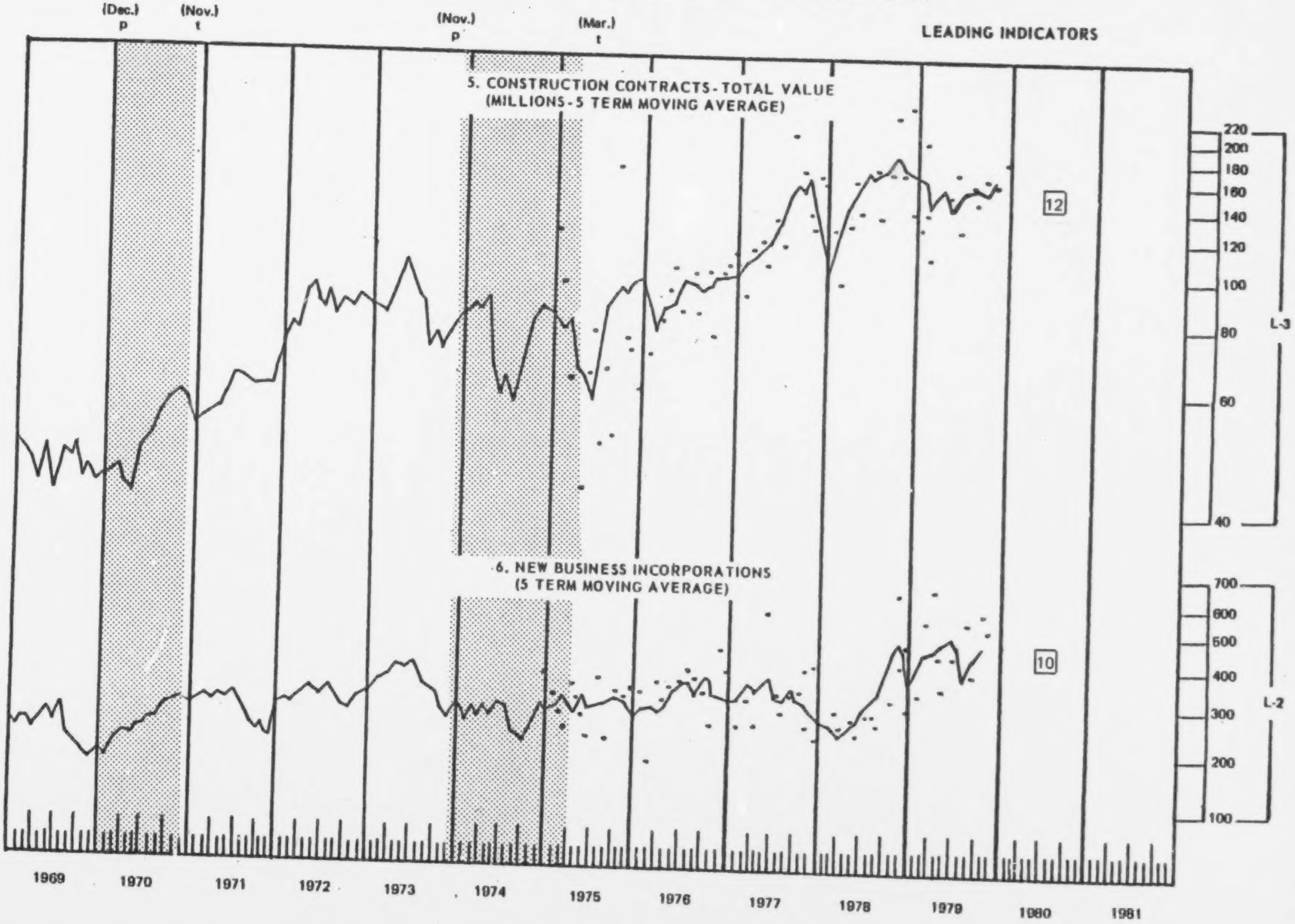
OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS

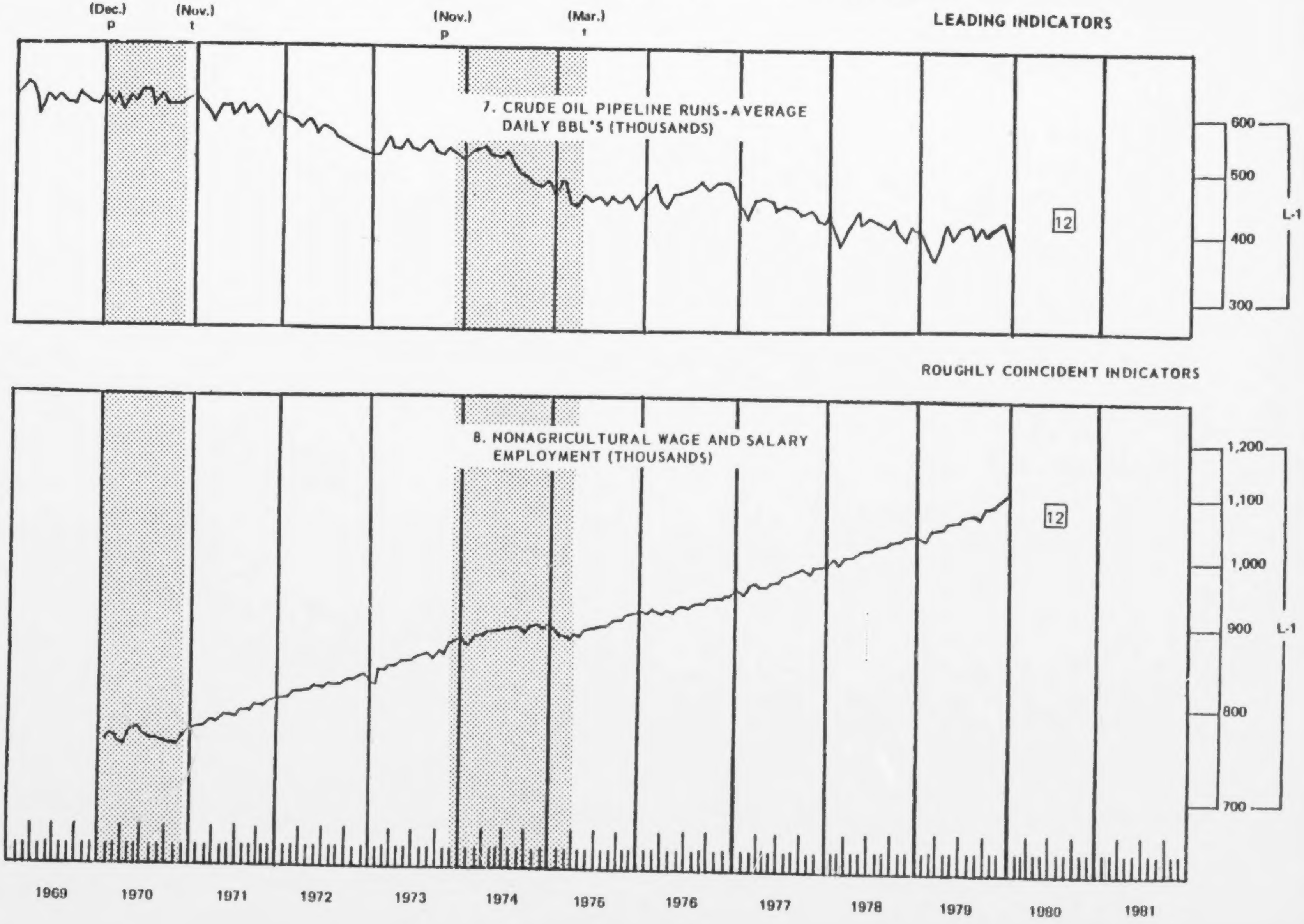


OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS

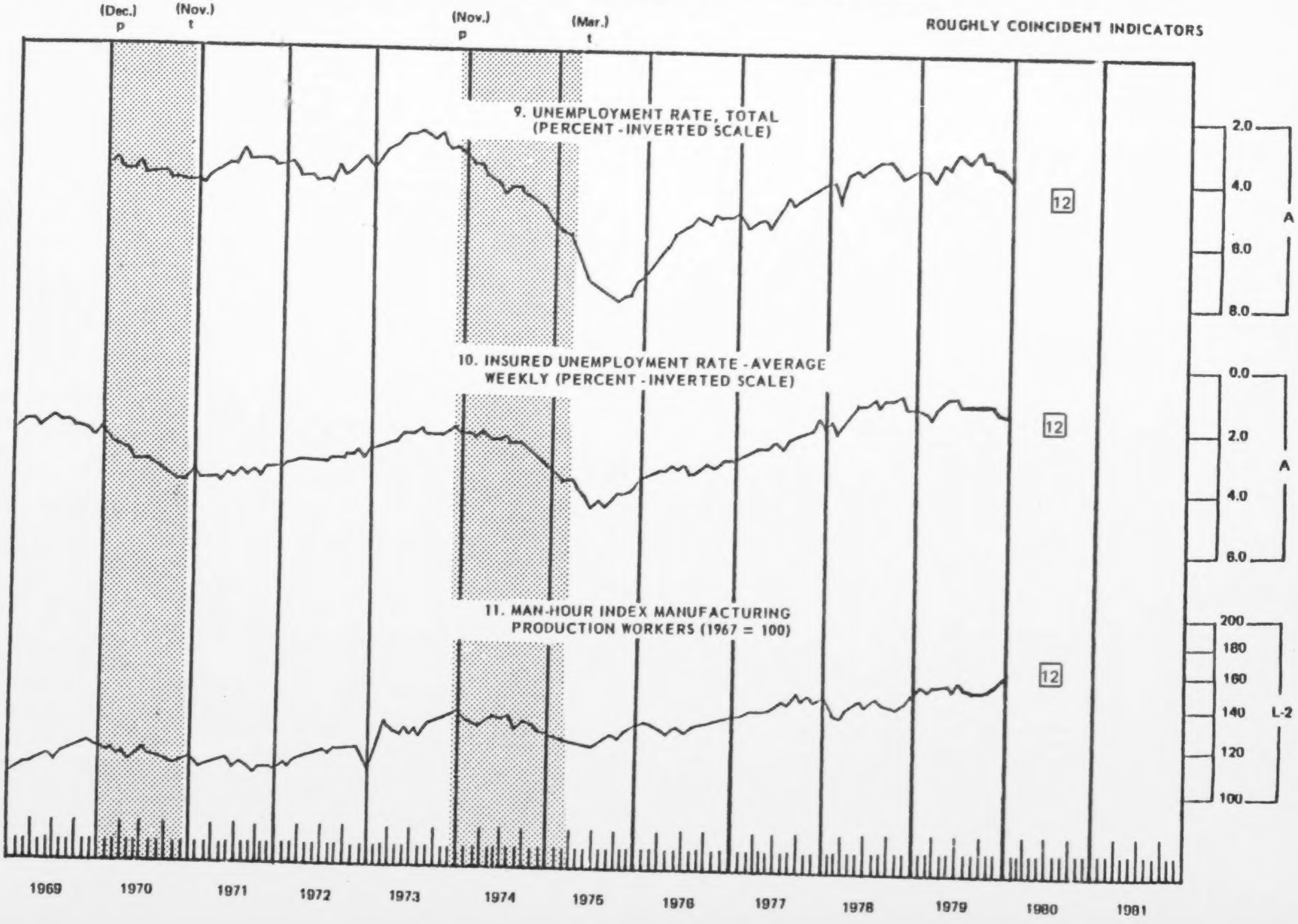


OKLAHOMA ECONOMIC INDICATORS



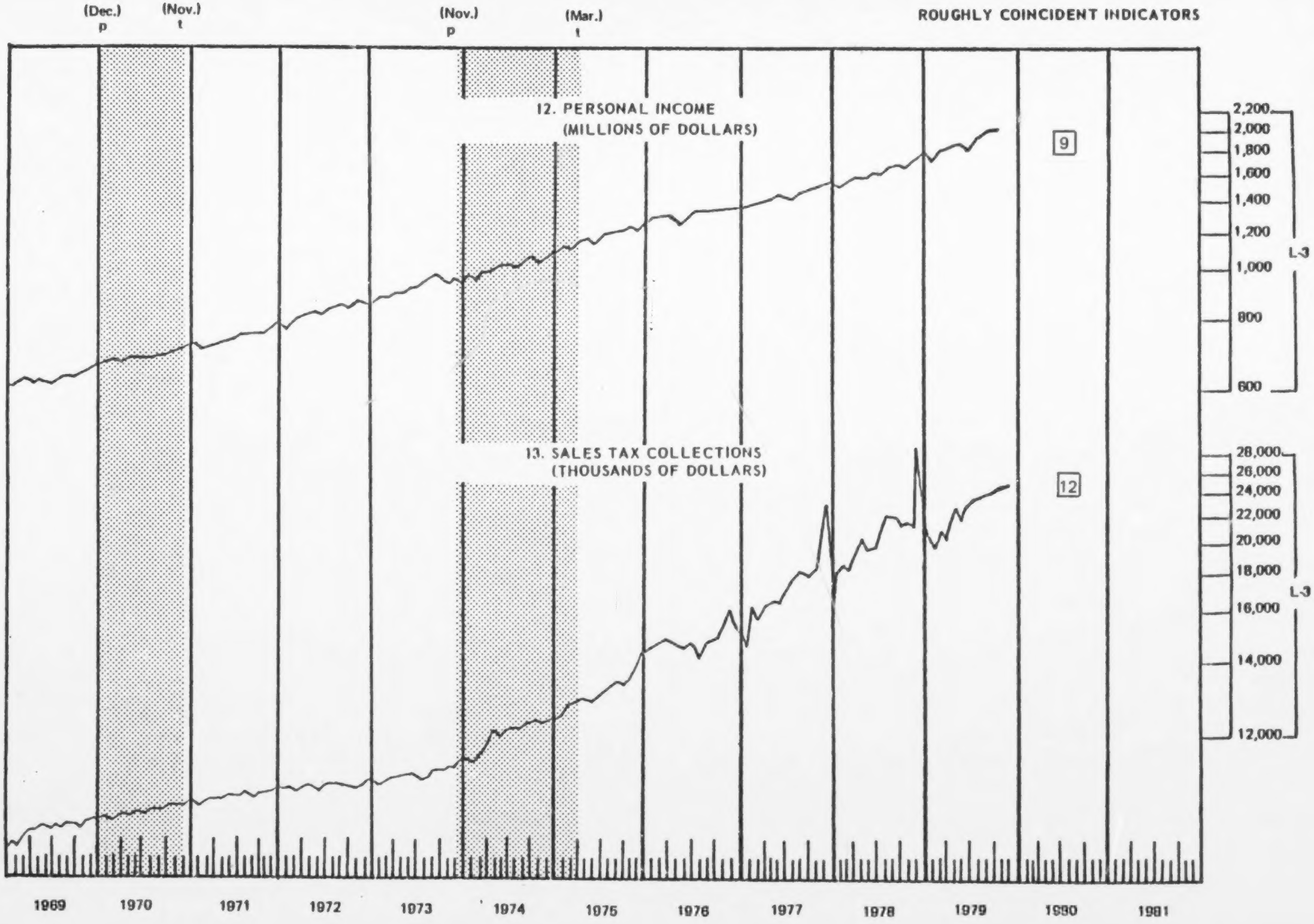
OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



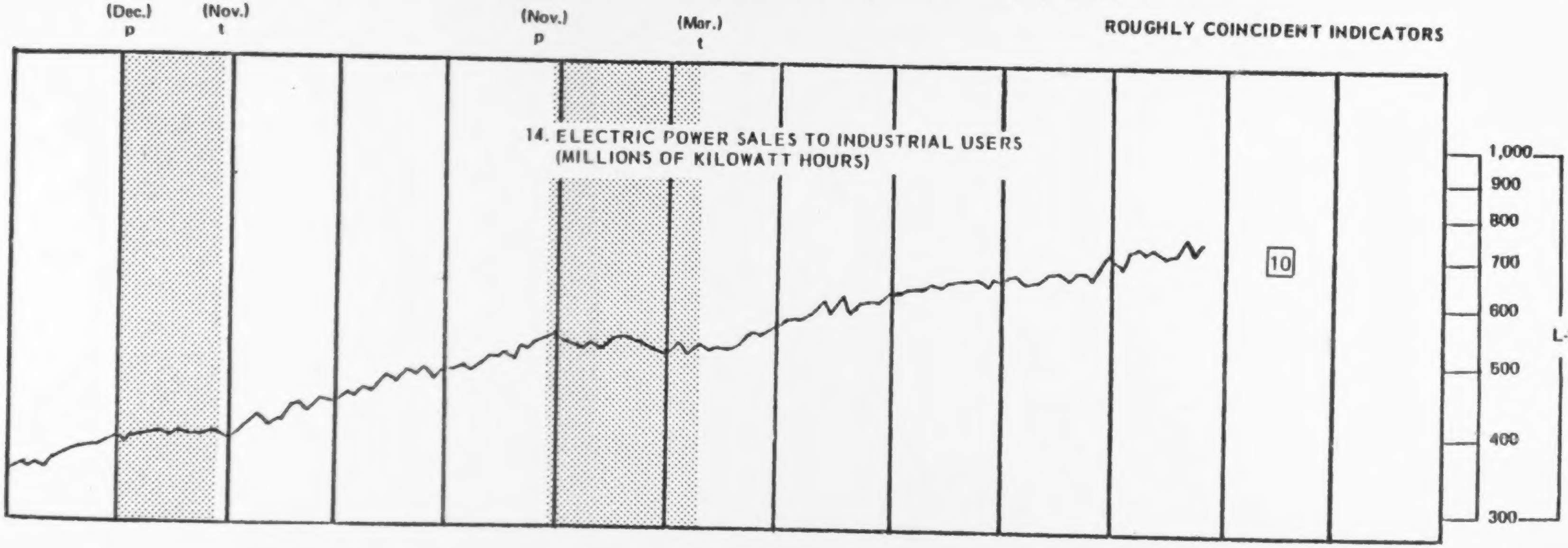
OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS

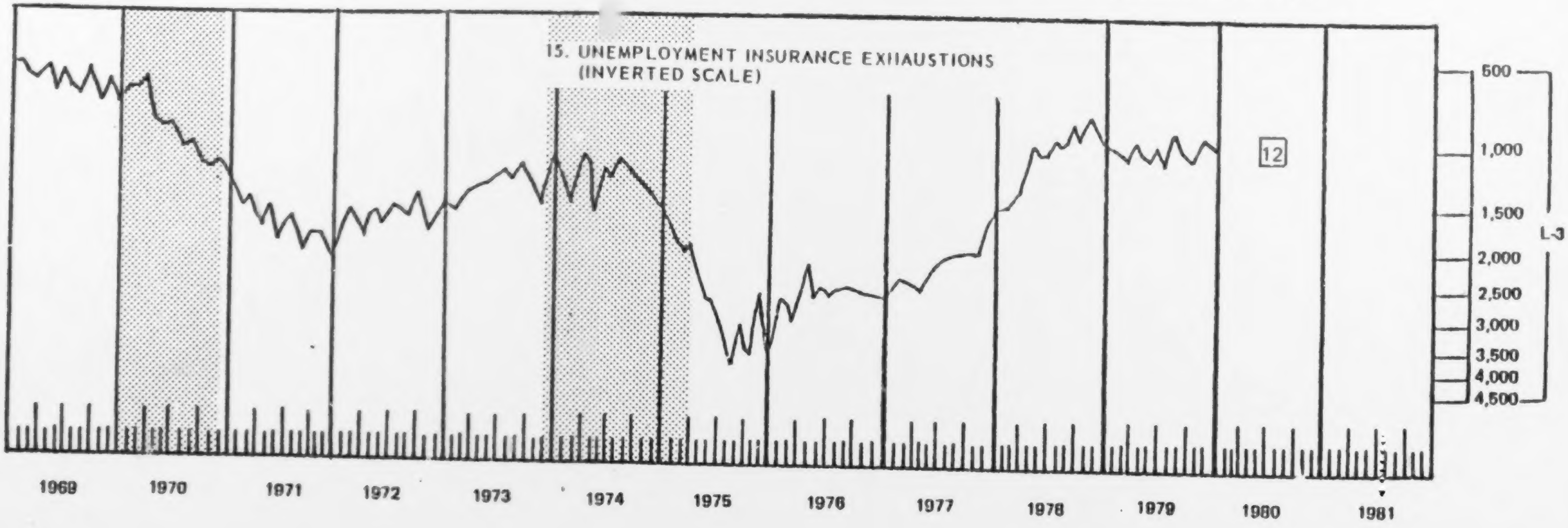


OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



LAGGING INDICATORS



LEADING INDICATORS

Date	1 Average Workweek Manufacturing Production Workers		2 Job Openings Received Nonagricultural		3 Job Placements Nonagricultural		4 Initial Claims Average Weekly		5 Construction Contracts Total Value		6 New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1978												
Oct.	40.2	40.2	16,644	14,435	14,710	12,519	1,845	1,982	169,129	186,677	347	405
Nov.	40.4	39.9	12,822	16,355	10,746	12,672	1,934	2,015	221,777	278,265	386	417
Dec.	41.0	40.5	14,116	19,024	12,012	16,591	2,166	2,089	137,608	175,074	312	293
1979												
Jan.	40.3	40.5	12,206	16,210	10,707	14,353	3,929	2,581	116,523	127,487	313	326
Feb.	40.3	40.6	12,317	16,896	10,599	14,304	2,953	2,644	169,824	194,976	576	545
Mar.	40.4	40.6	15,825	15,469	14,797	13,868	2,034	2,122	175,097	139,854	637	653
Apr.	39.9	40.3	16,179	15,177	14,472	14,147	2,256	2,362	137,099	109,855	476	435
May	40.4	40.7	17,781	16,179	15,781	15,718	1,944	2,097	171,483	154,768	398	343
Jun.	40.3	40.3	22,003	18,139	19,305	15,213	1,940	2,168	178,468	177,227	439	432
Jul.	40.5	40.6	18,750	17,622	16,142	14,850	2,099	2,086	143,658	122,575	472	504
Aug.	40.4	40.3	19,620	15,964	17,430	14,610	1,700	1,959	151,637	160,293	376	363
Sep.	40.7	40.3	16,470	14,359	14,284	12,708	1,767	2,142	143,087	145,414	476	529
Oct.	40.4	40.4	17,987	15,600	15,933	13,560	1,973	2,119	145,499	160,595	412	481
Nov.	40.5	40.0	14,634	18,658	12,792	15,085	2,351	2,449	124,316	155,980		
Dec.	41.4*	40.9*	11,279	15,201	9,812	13,552	2,533	2,443	133,305	169,599		
1980												
Jan.												
Feb.												
Mar.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7		8		9		10		11	
	Crude Oil Pipeline Runs, Average Daily Barrels		Nonagricultural Wage and Salary Employment		Unemployment Rate, Total		Insured Unemployment Rate Average Weekly		Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1978										
Oct.	400.9	398.2	1,045.9	1,039.7	3.6	3.7	1.0	1.2	143.2	141.5
Nov.	406.0	410.5	1,047.2	1,043.0	3.8	3.9	1.3	1.4	145.3	142.3
Dec.	399.5	402.0	1,051.8	1,044.5	3.6	3.8	1.4	1.4	151.5	148.8
1979										
Jan.	369.8	359.7	1,034.1	1,043.5	4.0	3.8	1.8	1.5	147.9	150.6
Feb.	386.6	390.9	1,038.8	1,050.4	4.2	4.0	2.0	1.7	147.9	149.2
Mar.	410.5	409.3	1,052.9	1,060.3	3.6	3.5	1.6	1.4	150.4	152.7
Apr.	403.8	399.1	1,059.2	1,062.4	3.6	3.6	1.4	1.3	150.3	152.9
May	404.6	406.7	1,069.6	1,064.3	3.1	3.2	1.2	1.2	152.7	154.9
Jun.	405.5	408.4	1,080.3	1,074.9	3.5	3.3	1.2	1.2	153.7	152.6
Jul.	391.9	395.8	1,079.3	1,083.6	3.5	3.4	1.3	1.3	153.8	154.4
Aug.	404.8	402.4	1,084.1	1,083.0	3.3	3.3	1.2	1.3	154.8	153.9
Sep.	396.8	397.6	1,091.2	1,084.7	3.2	3.3	1.1	1.3	155.5	153.7
Oct.	402.4	399.7	1,093.3	1,086.8	3.3	3.5	1.1	1.3	155.5	153.7
Nov.	399.4	403.8	1,098.1	1,093.7	3.4	3.6	1.3	1.4	158.7	155.4
Dec.	379.4	381.6	1,105.2*	1,097.5*	3.5*	3.7*	1.5	1.5	162.5*	159.6*
1980										
Jan.										
Feb.										
Mar.										

* *Preliminary Data*

	ROUGHLY COINCIDENT INDICATORS						LAGGING INDICATORS	
	12		13		14		15	
	Personal Income		Sales Tax Collections		Electrical Power Sales to Industrial Users		Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)		(Missions of Kilowatt Hours)		(Number)	
1978								
Oct.	1,739	1,723	21,186	21,487	685	681	816	930
Nov.	1,773	1,766	20,901	21,415	691	694	767	795
Dec.	1,815	1,811	21,510	18,306	686	704	877	961
1979								
Jan.	1,768	1,795	25,800	28,382	684	694	1,125	1,023
Feb.	1,785	1,818	18,048	19,855	701	715	1,113	1,127
Mar.	1,820	1,848	19,683	20,962	695	733	1,077	993
Apr.	1,835	1,854	19,856	20,220	718	721	1,095	1,072
May	1,859	1,872	22,804	22,511	718	723	1,257	1,111
Jun.	1,899	1,858	22,649	21,968	713	702	1,012	999
Jul.	1,923	1,891	23,084	22,609	732	715	1,192	1,242
Aug.	1,954	1,950	24,396	23,594	759	732	1,013	928
Sep.	1,971	1,950	24,204	23,660	753	719	802	942
Oct.			22,728	23,051	730	726	965	1,100
Nov.			24,698	25,582			901	934
Dec.			23,340	19,864			849	930
1980								
Jan.								
Feb.								
Mar.								

* Preliminary Data

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Productions Workers.** Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. **Source: Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural.** Nonagricultural job openings placed by employers with the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial claims for unemployment insurance benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. **Source: Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total dollar value of contracts awarded for combined residential and nonresidential building in Oklahoma. Non-building contracts are not included. **Source: F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. **Source: Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. **Source: Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** All wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. **Source: Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Percent of persons estimated to be unemployed in Oklahoma based on methods prescribed by U. S. Department of Labor. **Source: Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers covered by unemployment insurance for the most recent available 12 month period. **Source: Oklahoma Employment Security Commission.**

11. **Man-Hour Index.** Total hours worked by manufacturing production workers in Oklahoma in relation to the base period of 1967=100 percent. **Source: Oklahoma Employment Security Commission.**

12. **Personal Income.** Current income received by individuals in Oklahoma from all sources. **Source: Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two percent sales tax collections for report month relate to month of actual sales. City sales taxes are not included. **Source: Oklahoma Tax Commission.**

14. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. **Source: Edison Electric Institute.**

Lagging Indicators

15. **Unemployment Insurance Exhaustions.** Number of unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. **Source: Oklahoma Employment Security Commission.**

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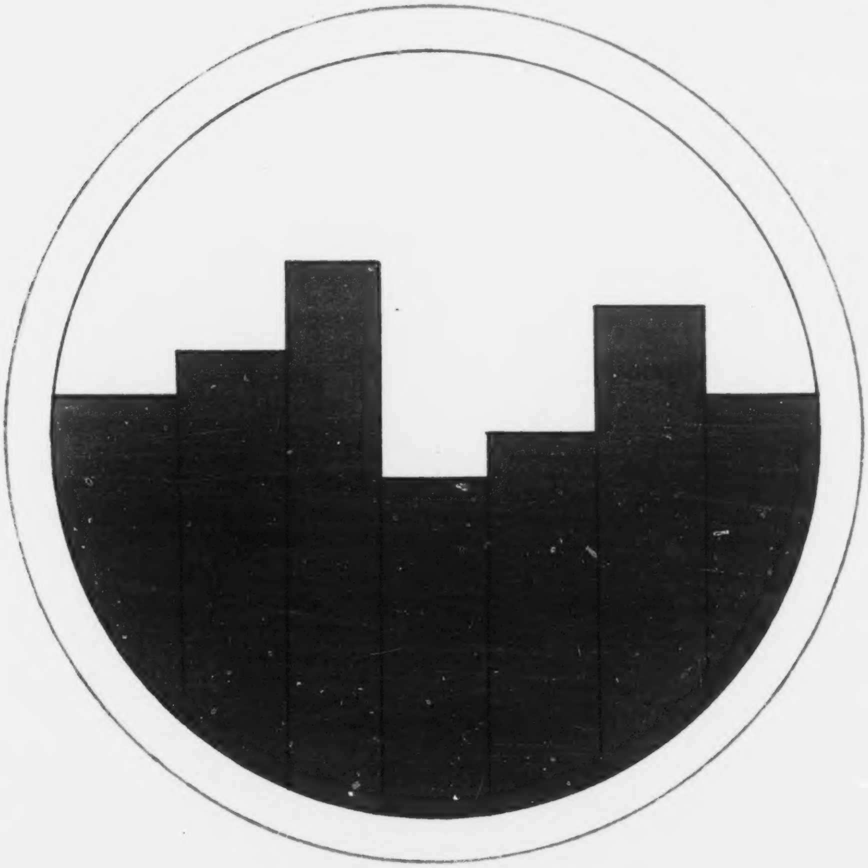
OKLAHOMA ECONOMIC INDICATORS

February 1980



JOB SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

GEORGE NIGH, Governor
STATE OF OKLAHOMA

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE

Affiliated With the
UNITED STATES EMPLOYMENT AND TRAINING ADMINISTRATION

John Ray Green, *Chairman*

Representing Employers	*Representing Employees*
George Ollie, Jr.	**Charles M. (Mike) Nobles**
Roy Kendrick	**Clyde Smith**

Bryce A. Baggett
Executive Director

The following is a list of public employment offices of the Oklahoma State Employment Service:

LOCATION	MANAGER
ADA 1628 East Beverly Drive	Charles R. Null
ALTUS 312 West Cypress	Julio Beltran
ARDMORE 201 "A" Street, S. W.	Lee Roy Hatfield
BARTLESVILLE 501 E 5th Street	Donita McCarrell
BROKEN ARROW 704 West Oakland	Harold Martinson
CHICKASHA 628 Kansas Avenue	Gregory C. Campbell
CLAREMORE 1810 North Sioux	Ron Novotny
CLINTON 1120 Frisco Avenue	Ruth Switzer
DUNCAN 122 South 11th Street	Larry Donnell
DURANT 124 West Cedar	Michael B. Morrison
EDMOND 2120 S. Broadway Extension	Martin Bellows
ELK CITY 115 South Jefferson	James R. Hale
ENID 215 Kenwood Boulevard	A. K. Armstrong
GUYMON 707 North Main Street	Harold A. Duvall
HOLDENVILLE 115 N. Rodgers Drive	Yvonne Huser
HUGO 402 East Jackson	George Robison
IDABEL Hwy. 70 East and Brinkley Drive	Jerry Lane
LAWTON 811 "D" Avenue	Jack Manley
McALESTER 1201 East Wyandotte	Venetta Welsh
MIAMI 100 "A" Avenue, N. E.	D. Wendell Prentice
MUSKOGEE 704 East Side Boulevard	Johnnie Leeds
NORMAN 300 North Crawford	Marcus Weatherall
OKLAHOMA CITY	
919 N. W. 23rd Street	Terry Watson
4100 S. Douglas	David Slimp
8720 S. E. Fifteenth Street	Roger Pendergast
4345 N. W. 50th Street	Jacci Wirth
717 South Service Rd., Moore	Lois Lackey
3740 Springlake Drive	Audrey F. Adams
OKMULGEE 108 West Fifth Street	Erna Wilson
PONCA CITY 1201 West Grand	Virgil E. Mehlig
POTEAU 305 Clayton	Neville M. Brehm
PRYOR 219 N. E. First Street	John Carter
SALLISAW 204 North Elm	John R. McMahan
SAPULPA 1612 South Main	Lucille Mitchell
SEMINOLE 111 North Fourth Street	Warren Schroeder
SHAWNEE 127 North Park	Ann Higley
STILLWATER 730 South Western	Terry Coleman
TAHLEQUAH 1611 South Muskogee	Gary Harrington
TULSA	
818 South Boston	Gene Hunter
3105 East Skelly Drive	Peggy Phillips
11322B East 21st Street	Richard Robey
567 E. 36th St., North	Vacie Deal
401-J East Broadway Sand Springs	Rex Terrill
WOODWARD 1106 Texas Avenue	Kenneth Alexander

3-80

OKLAHOMA ECONOMIC INDICATORS

"Oklahoma Economic Indicators" is published monthly by the Oklahoma Employment Security Commission - Research and Planning - under the supervision of **Bill Hunter.** The compilation, analysis and narrative description of data is provided by **Roger Jacks.** Copies are available at no cost upon request. For additional information, please write or call: Oklahoma Employment Security Commission, Research and Planning, 310 Will Rogers Memorial Office Building, Oklahoma City, Oklahoma 73105. AC 405-521-3735.

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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, BRANCH MANAGER

OKLAHOMA ECONOMIC INDICATORS

February 1980

Oklahoma's economy strengthened substantially during this report month as eleven of the seasonally adjusted series advanced and only one declined. Although most sectors of the economy in Oklahoma have moved unsteadily in recent months, the overall economy has generally continued to improve as evidenced by the large number of indicators that have recorded above year-ago readings. The current condition of Oklahoma's economy appeared to be much better than that of the nation. However, nationwide pressures on many of the series could still create an economic slowdown by mid-1980. Updated information for the insured unemployment rate was not available at the time of this release.

Labor Market

The labor market gained momentum as seven of the indicators increased and one decreased from one month earlier. Nonagricultural wage and salary employment and the man-hour index once again moved favorably indicating at least some short-term economic optimism on the part of manufacturers. In addition, nonagricultural job openings and job placements gained momentum during January. The labor market exhibited substantial improvement during the month and with support from the other sectors of the economy appears to have regained a generally upward course. Few of the labor market series have recorded dramatic changes during the past year, but nearly all levels were above one year ago.

Business

The business sector also exhibited some strength during the month as three of the indicators recorded gains and one registered a loss. Construction contracts awarded and electrical power sales to industrial users increased slightly in comparison to recent months. Uncertainty on the part of business to step up long-term production seems to have returned, as the number of new business incorporations continued to fluctuate.

Finance

The overall financial series gained during January as seasonally adjusted sales tax collections advanced. Apparently, consumers are becoming less reluctant to spend their increasing incomes on goods and services. The financial trends should improve and, hopefully, provide much needed support to other areas of the economy.

OKLAHOMA ECONOMIC INDICATORS

Introductory Notes

The techniques and format of this publication are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, "*Business Conditions Digest*," issued by the U. S. Department of Commerce. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide for Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ([5] = May).

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Dots indicate actual monthly data where a moving average is plotted.

Parellel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.) of a series.

Four items pertaining to unemployment (series 4, 9, 10 and 15) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

CHANGE FROM PREVIOUS MONTH AND YEAR 1/

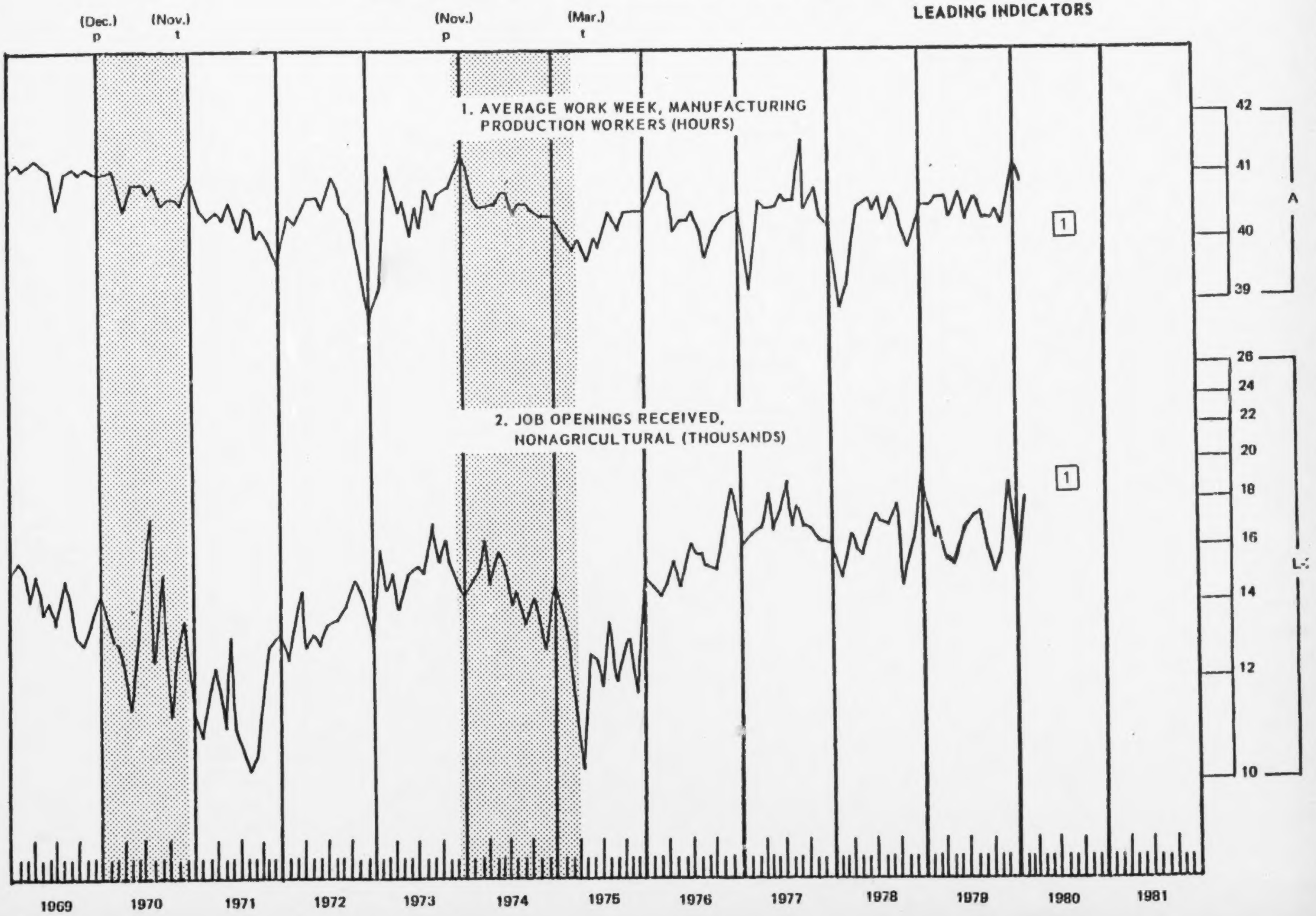
INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	Jan.	40.9*	40.9*	40.8	40.3	0.2	1.5
2. Job Openings Received, Nonag. . .	Number	Jan.	13,036	17,640	15,039	16,517	17.3	6.8
3. Job Placements, Nonag.	Number	Jan.	11,595	15,574	12,911	14,372	20.6	8.4
4. Initial Claims, Average Weekly . .	Number	Jan.	3,651	2,271	2,443	2,541	- 7.0	- 10.6
5. Construction Contracts	Thou. Dollars	Jan.	163,000	198,538	169,169	141,928	17.4	39.9
6. New Business Incorporations . . .	Number	Nov.	367	378	474	397	- 20.3	4.8
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	Jan.	363.7	383.7	379.0	390.1	1.2	- 1.6
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	Jan.	1,105.8*	1,120.4*	1,113.2	1,061.6	0.6	5.5
9. Unemployment Rate, Total . . .	Percent	Jan.	3.7*	3.4*	3.7	3.9	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent						xxx	xxx
11. Man-Hour Index	1967 = 100	Jan.	161.9*	163.7*	160.1	149.5	2.2	9.5
12. Personal Income	Million Dollars	Oct.	1,995	1,985	1,951	1,730	1.7	14.7
13. Sales Tax Collections	Thou. Dollars	Dec.	30,334	25,729	23,600	21,883	9.0	17.6
14. Electrical Power Sales to Industrial Users	Million KWH	Nov.	748	752	730	695	3.0	8.2
LAGGING INDICATORS								
15. Exhaustions, Unemployment Ins.	Number	Jan.	1,384	1,251	917	1,017	36.4	23.0

1/ *For historical data see pages 11-13.*

* *Preliminary Data.*

OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



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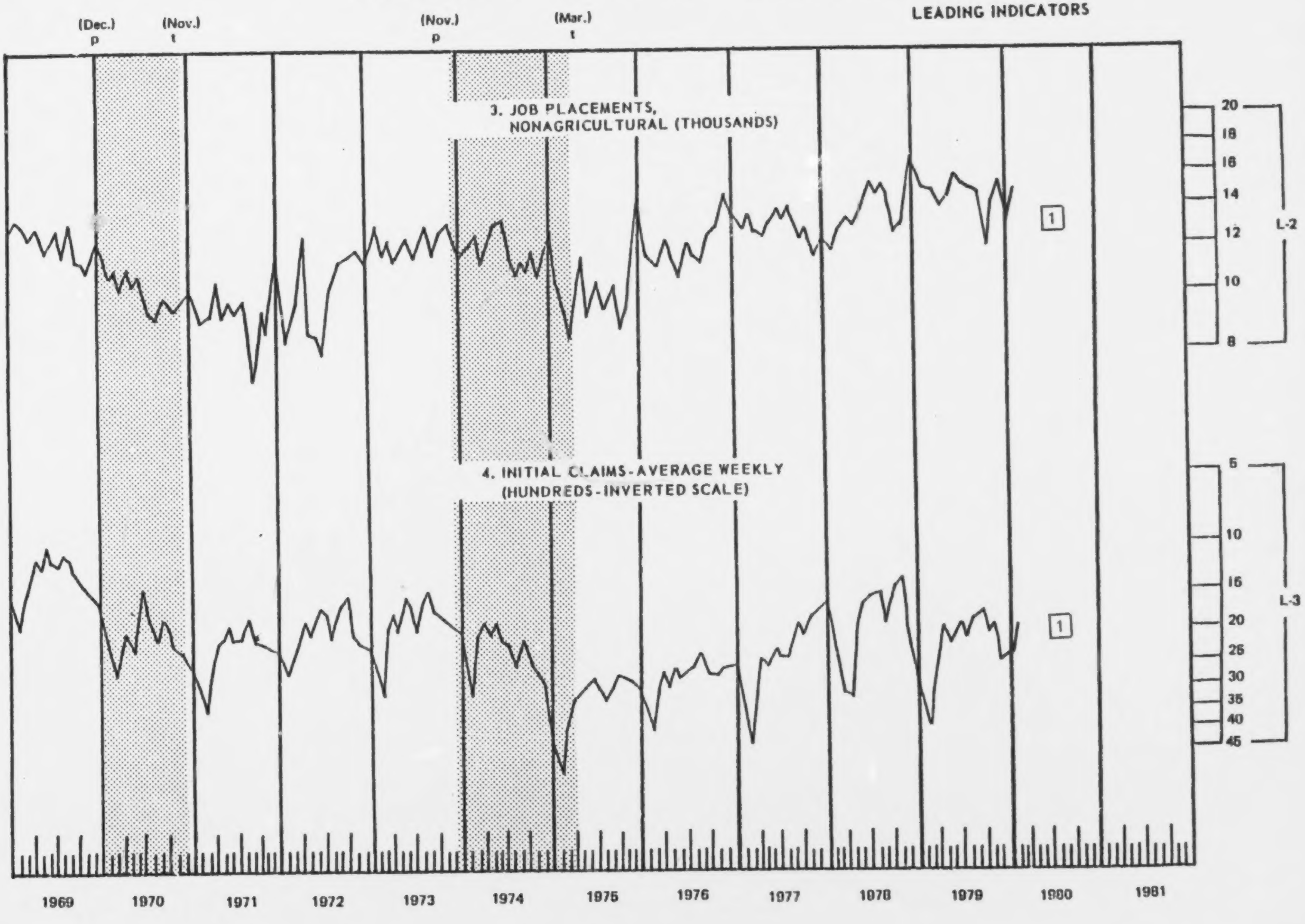

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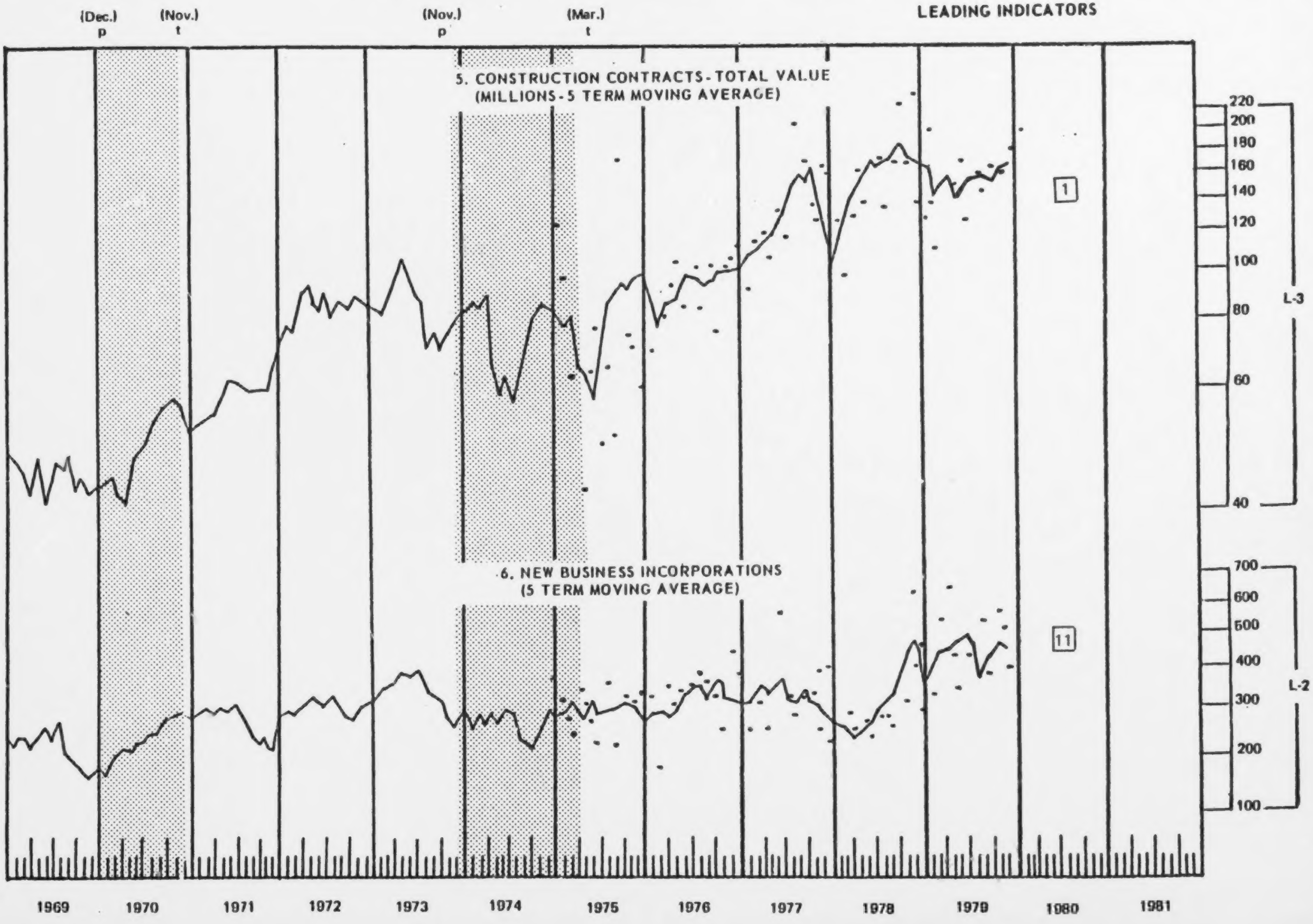

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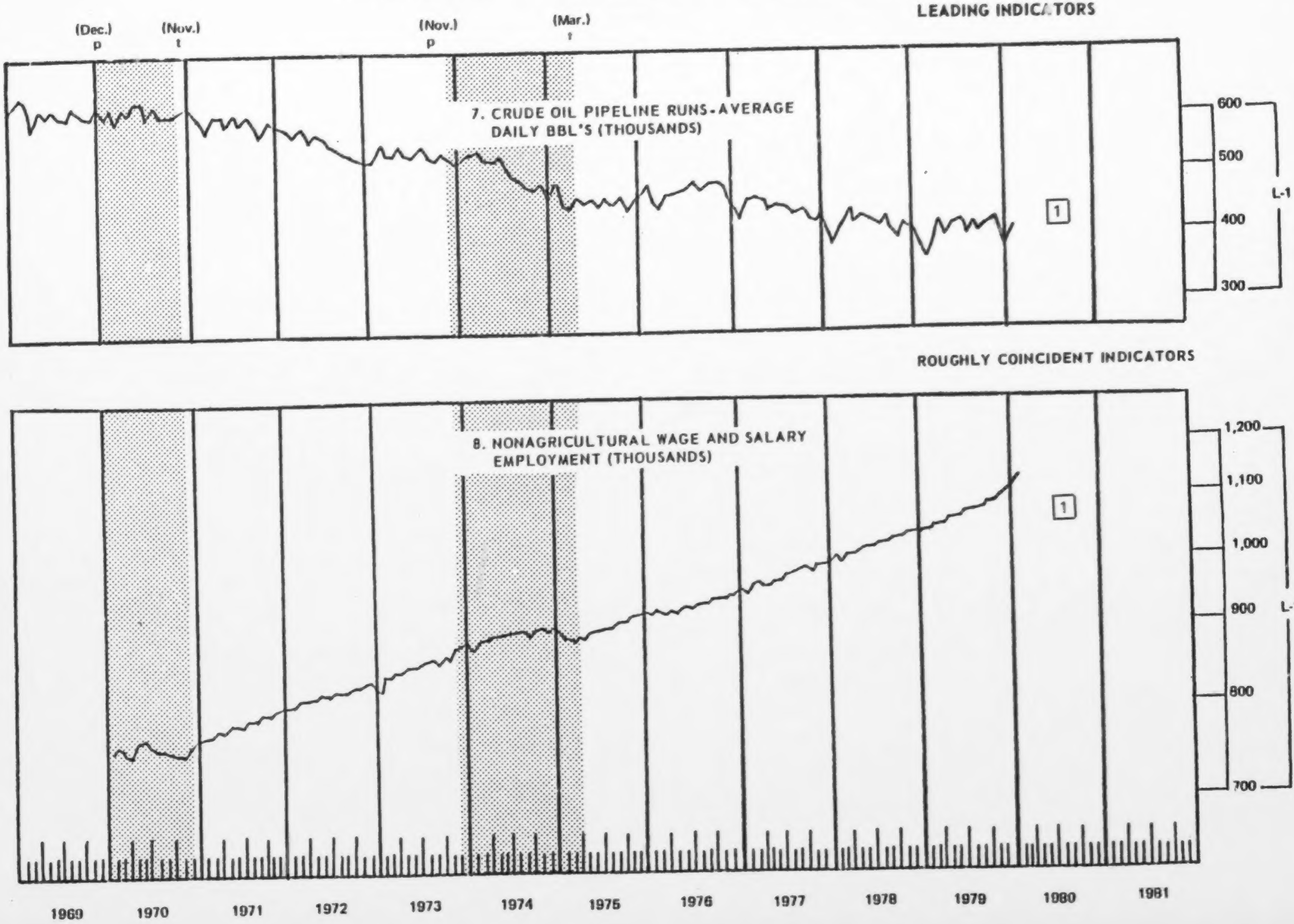
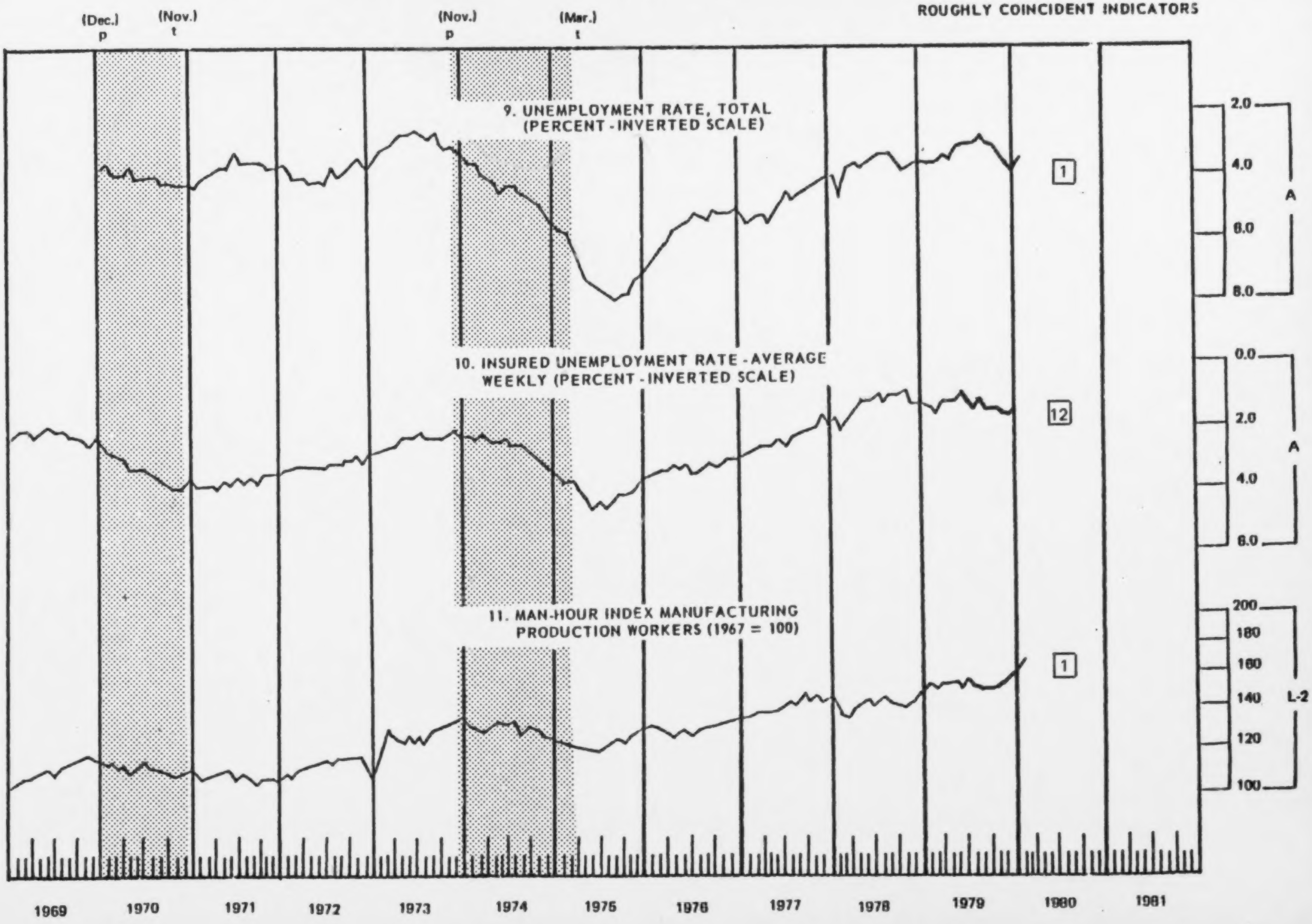


OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



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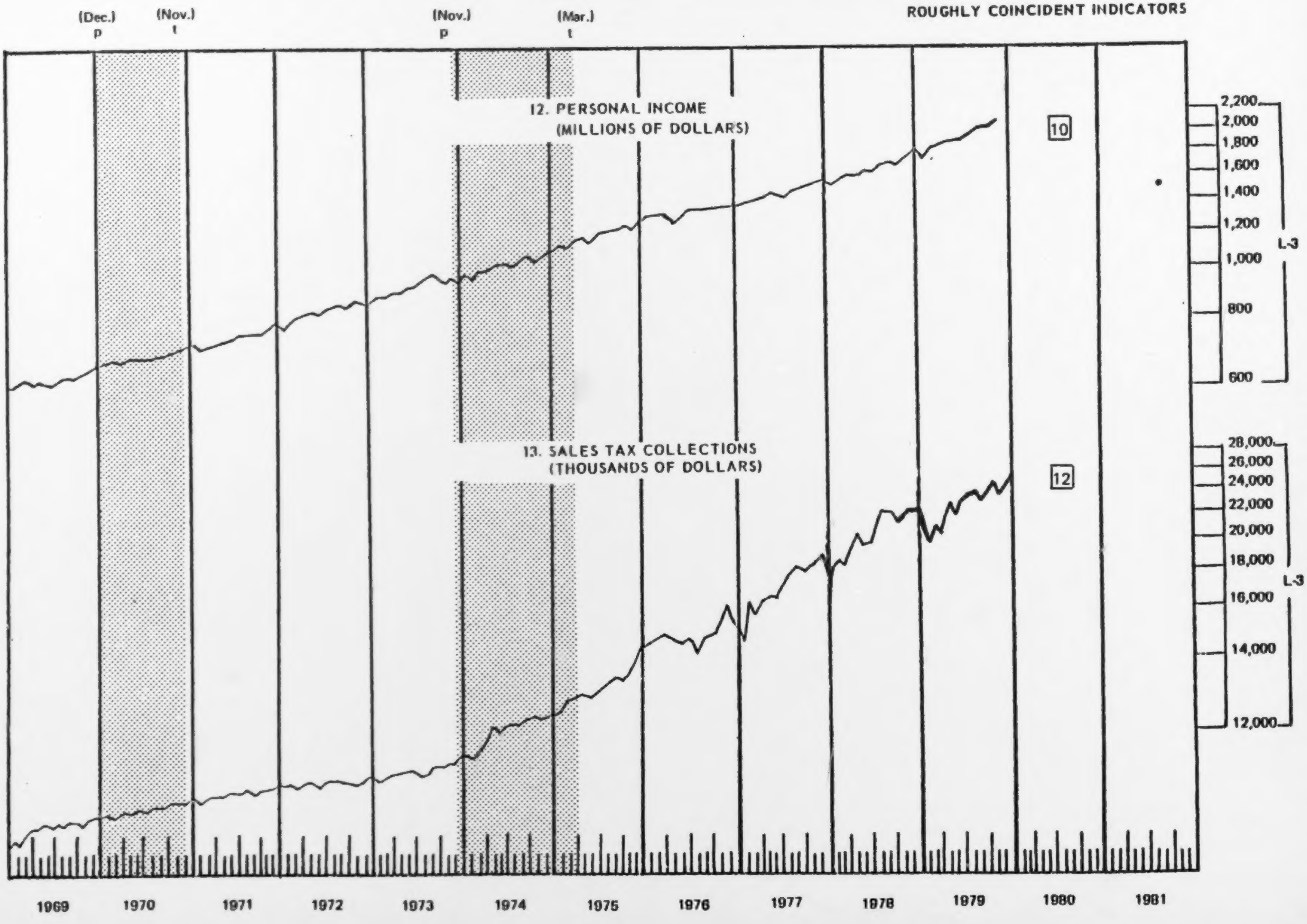

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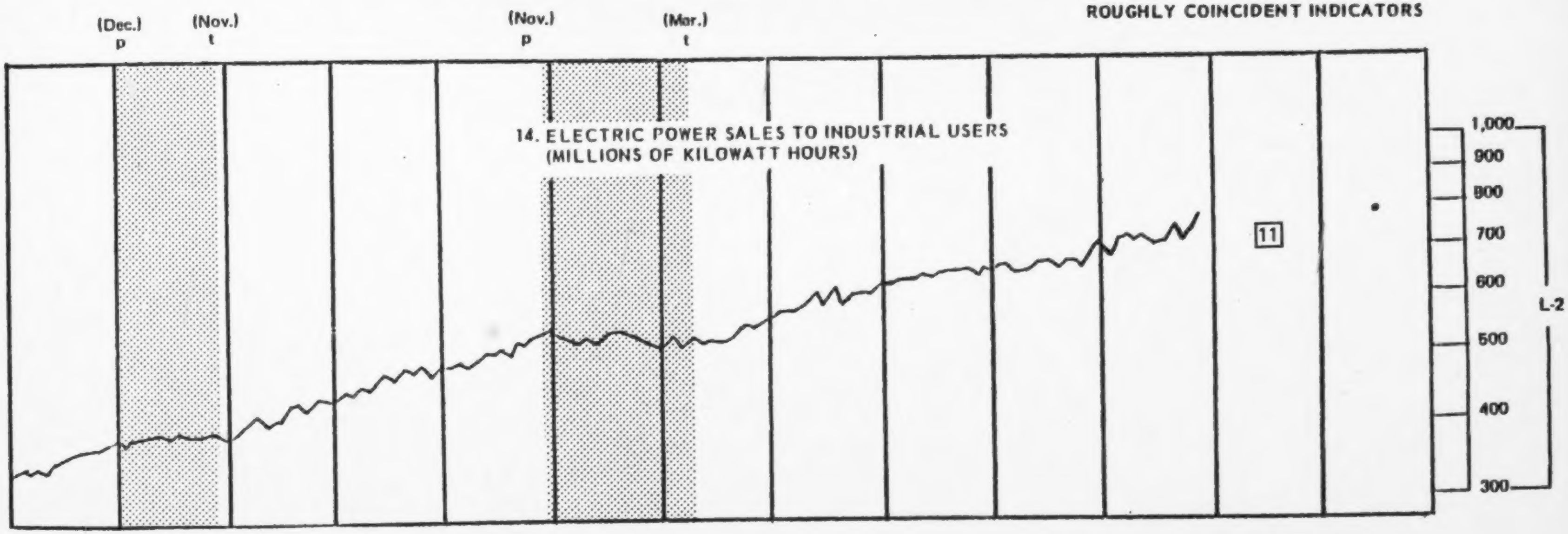

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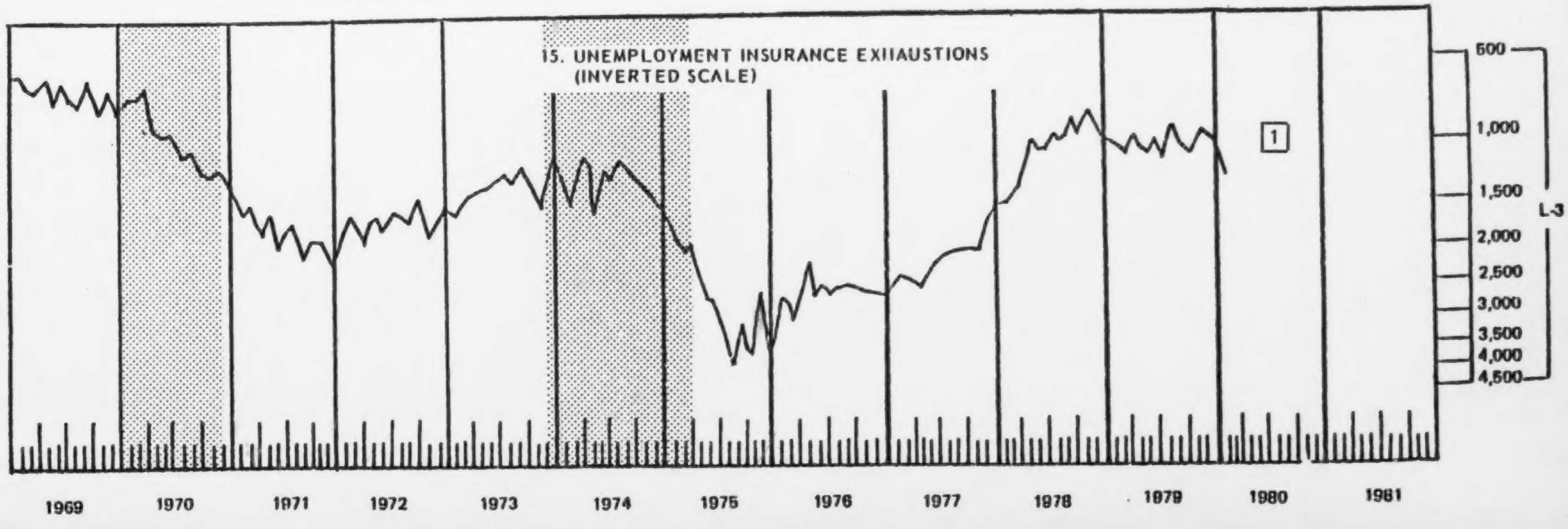

LEADING INDICATORS

Date	1 Average Workweek Manufacturing Production Workers		2 Job Openings Received Nonagricultural		3 Job Placements Nonagricultural		4 Initial Claims Average Weekly		5 Construction Contracts Total Value		6 New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1979												
Jan.	40.3	40.3	12,206	16,517	10,707	14,372	4,086	2,541	116,523	141,928	313	370
Feb.	40.3	40.5	12,317	16,645	10,599	14,170	3,086	2,663	169,824	183,594	576	502
Mar.	40.4	40.5	15,825	15,653	14,797	13,946	2,000	2,105	175,097	142,124	637	596
Apr.	39.9	40.4	16,179	15,512	14,472	14,272	2,313	2,382	137,099	119,010	476	461
May	40.4	40.6	17,781	16,343	15,781	15,351	2,012	2,251	171,483	152,159	398	375
Jun.	40.3	40.3	22,003	17,150	19,305	14,570	1,907	2,128	178,468	170,620	439	443
Jul.	40.5	40.6	18,750	17,297	16,142	14,675	2,194	2,227	143,658	130,955	472	476
Aug.	40.4	40.3	19,620	15,810	17,430	14,287	1,894	2,233	151,637	155,685	376	324
Sep.	40.7	40.4	16,470	14,732	14,284	13,081	1,777	2,281	143,087	142,801	476	523
Oct.	40.4	40.5	17,987	15,709	15,933	14,239	2,050	2,214	145,499	156,282	412	474
Nov.	40.5	40.1	14,634	19,357	12,792	16,213	2,314	2,462	124,316	137,823	367	378
Dec.	41.3	40.8	11,279	15,039	9,812	12,911	2,542	2,433	133,305	169,169		
1980												
Jan.	40.9*	40.9*	13,036	17,640	11,595	15,564	3,651	2,271	163,000	198,538		
Feb.												
Mar.												
Apr.												
May												
Jun.												
Jul.												
Aug.												
Sep.												
Oct.												
Nov.												
Dec.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7 Crude Oil Pipeline Runs, Average Daily Barrels		8 Nonagricultural Wage and Salary Employment		9 Unemployment Rate, Total		10 Insured Unemployment Rate Average Weekly		11 Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1979										
Jan.	369.8	390.1	1,047.8	1,061.6	4.2	3.9	1.8	1.5	147.9	149.5
Feb.	386.6	391.3	1,049.8	1,062.6	4.1	3.8	2.0	1.6	147.9	149.8
Mar.	410.5	401.7	1,068.3	1,074.7	3.4	3.4	1.6	1.3	150.4	151.9
Apr.	403.8	397.5	1,075.3	1,076.4	3.5	3.5	1.3	1.3	150.3	152.4
May	404.6	403.0	1,085.2	1,080.9	3.1	3.3	1.2	1.2	152.7	154.1
Jun.	405.5	403.1	1,095.8	1,089.3	3.5	3.3	1.2	1.3	153.7	152.6
Jul.	391.9	393.4	1,094.7	1,098.0	3.5	3.3	1.3	1.4	153.8	154.4
Aug.	404.8	397.7	1,099.9	1,098.8	3.1	3.1	1.2	1.3	154.8	154.5
Sep.	396.8	395.2	1,108.1	1,101.5	3.2	3.3	1.1	1.4	155.5	154.7
Oct.	402.4	400.8	1,110.6	1,104.0	3.1	3.3	1.1	1.4	155.5	154.6
Nov.	399.4	401.8	1,116.2	1,110.6	3.3	3.4	1.3	1.5	158.7	155.4
Dec.	379.4	379.0	1,122.1	1,113.2	3.5	3.7	1.5	1.4	163.5	160.1
1980										
Jan.	363.7	383.7	1,105.8*	1,120.4*	3.7*	3.4*			161.9*	163.7*
Feb.										
Mar.										
Apr.										
May										
Jun.										
Jul.										
Aug.										
Sep.										
Oct.										
Nov.										
Dec.										

* *Preliminary Data*

	ROUGHLY COINCIDENT INDICATORS						LAGGING INDICATORS	
	12		13		14		15	
	Personal Income		Sales Tax Collections		Electrical Power Sales to Industrial Users		Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)		(Missions of Kilowatt Hours)		(Number)	
1979								
Jan.	1,768	1,799	18,048	19,427	684	696	1,125	1,017
Feb.	1,785	1,818	19,683	21,797	701	714	1,113	1,086
Mar.	1,820	1,838	19,856	21,583	695	725	1,077	1,005
Apr.	1,835	1,854	22,804	23,175	718	716	1,095	1,075
May	1,859	1,865	22,649	22,559	718	724	1,257	1,100
Jun.	1,899	1,873	23,084	22,698	713	705	1,012	1,019
Jul.	1,923	1,904	24,396	23,755	732	719	1,192	1,210
Aug.	1,954	1,944	24,204	23,318	759	731	1,013	934
Sep.	1,971	1,951	22,728	22,261	753	719	802	966
Oct.	1,995	1,985	24,968	25,297	730	730	965	1,093
Nov.			23,340	23,600	748	752	901	969
Dec.			30,334	25,729			849	917
1980								
Jan.							1,384	1,251
Feb.								
Mar.								
Apr.								
May								
Jun.								
Jul.								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								

* Preliminary Data

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Productions Workers.** Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. **Source: Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural.** Nonagricultural job openings placed by employers with the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial claims for unemployment insurance benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. **Source: Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total dollar value of contracts awarded for combined residential and nonresidential building in Oklahoma. Non-building contracts are not included. **Source: F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. **Source: Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. **Source: Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** All wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. **Source: Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Percent of persons estimated to be unemployed in Oklahoma based on methods prescribed by U. S. Department of Labor. **Source: Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers covered by unemployment insurance for the most recent available 12 month period. **Source: Oklahoma Employment Security Commission.**

11. **Man-Hour Index.** Total hours worked by manufacturing production workers in Oklahoma in relation to the base period of 1967=100 percent. **Source: Oklahoma Employment Security Commission.**

12. **Personal Income.** Current income received by individuals in Oklahoma from all sources. **Source: Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two percent sales tax collections for report month relate to month of actual sales. City sales taxes are not included. **Source: Oklahoma Tax Commission.**

14. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. **Source: Edison Electric Institute.**

Lagging Indicators

15. **Unemployment Insurance Exhaustions.** Number of unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. **Source: Oklahoma Employment Security Commission.**

4/16/80

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OKLAHOMA ECONOMIC INDICATORS

March 1980

JOB SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

GEORGE NIGH, Governor
STATE OF OKLAHOMA

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE

Affiliated With the
UNITED STATES EMPLOYMENT AND TRAINING ADMINISTRATION

John Ray Green, *Chairman*

Representing Employers	*Representing Employees*
George Ollie, Jr.	**Charles M. (Mike) Nobles**
Roy Kendrick	**Clyde Smith**

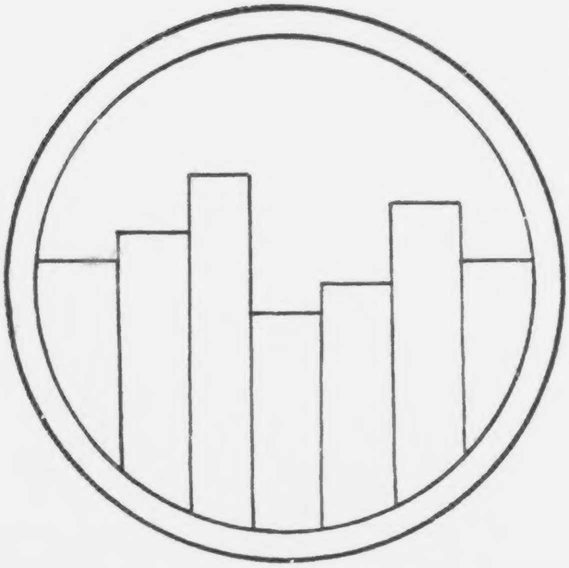
Bryce A. Baggett
Executive Director

The following is a list of public employment offices of the Oklahoma State Employment Service:

LOCATION	MANAGER
ADA 1628 East Beverly Drive	Charles R. Null
ALTUS 312 West Cypress	Julio Beltran
ARDMORE 201 "A" Street, S. W.	Lee Roy Hatfield
BARTLESVILLE 501 E 5th Street	Donita McCarrell
BROKEN ARROW 704 West Oakland	Harold Martinson
CHICKASHA 628 Kansas Avenue	Gregory C. Campbell
CLAREMORE 1810 North Sioux	Ron Novotny
CLINTON 1120 Frisco Avenue	Ruth Switzer
DUNCAN 122 South 11th Street	Larry Donnell
DURANT 124 West Cedar	Michael B. Morrison
EDMOND 2120 S. Broadway Extension	Martin Bellows
ELK CITY 115 South Jefferson	James R. Hale
ENID 215 Kenwood Boulevard	A. K. Armstrong
GUYMON 707 North Main Street	Harold A. Duvall
HOLDENVILLE 115 N. Rodgers Drive	Yvonne Huser
HUGO 402 East Jackson	George Robison
IDABEL Hwy. 70 East and Brinkley Drive	Jerry Lane
LAWTON 811 "D" Avenue	Jack Manley
McALESTER 1201 East Wyandotte	Venetta Welsh
MIAMI 100 "A" Avenue, N. E.	D. Wendell Prentice
MUSKOGEE 704 East Side Boulevard	Johnnie Leeds
NORMAN 300 North Crawford	Marcus Weatherall
OKLAHOMA CITY	
919 N. W. 23rd Street	Terry Watson
4100 S. Douglas	David Slimp
8720 S. E. Fifteenth Street	Roger Pendergast
4345 N. W. 50th Street	Jacci Wirth
717 South Service Rd., Moore	Lois Lackey
3740 Springlake Drive	Audrey F. Adams
OKMULGEE 108 West Fifth Street	Erna Wilson
PONCA CITY 1201 West Grand	Virgil E. Mehlig
POTEAU 305 Clayton	Neville M. Brehm
PRYOR 219 N. E. First Street	John Carter
SALLISAW 204 North Elm	John R. McMahan
SAPULPA 1612 South Main	Lucille Mitchell
SEMINOLE 111 North Fourth Street	Warren Schroeder
SHAWNEE 127 North Park	Ann Higley
STILLWATER 730 South Western	Terry Coleman
TAHLEQUAH 1611 South Muskogee	Gary Harrington
TULSA	
818 South Boston	Gene Hunter
3105 East Skelly Drive	Peggy Phillips
11322B East 21st Street	Richard Robey
567 E. 36th St., North	Vacie Deal
401-J East Broadway Sand Springs	Rex Terrill
WOODWARD 1106 Texas Avenue	Kenneth Alexander

3-80

OKLAHOMA ECONOMIC INDICATORS



"Oklahoma Economic Indicators" is published monthly by the Oklahoma Employment Security Commission - Research and Planning - under the supervision of **Bill Hunter.** The compilation, analysis and narrative description of data is provided by **Roger Jacks.** Copies are available at no cost upon request. For additional information, please write or call: Oklahoma Employment Security Commission, Research and Planning, 310 Will Rogers Memorial Office Building, Oklahoma City, Oklahoma 73105. AC 405-521-3735.

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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, BRANCH MANAGER

OKLAHOMA ECONOMIC INDICATORS

March 1980

Economic activity in Oklahoma was mixed during this report month as six of the seasonally adjusted series advanced, seven declined and one remained unchanged from month-ago readings. Although most sectors of the economy in Oklahoma have moved unsteadily in recent months, the overall economy continued to strengthen as evidenced by the large number of indicators that have recorded above year-ago readings. The current condition of Oklahoma's economy appeared to be much better than that of the nation. However, nationwide pressures are beginning to affect some of the series and could still create an economic slowdown by mid-1980.

Labor Market

The labor market was mixed as four of the indicators, increased, four decreased and one was unchanged from one month earlier. Nonagricultural wage and salary employment and the total unemployment rate once again moved favorably indicating at least some short-term economic optimism on the part of manufacturers. However, nonagricultural job openings and job placements declined slightly during February. The labor market exhibited substantial stability during the month and with support from the other sectors of the economy could retain a generally upward course. Few of the labor market series have recorded dramatic changes during the past year, but nearly all levels were above one year ago.

Business

The business sector also exhibited weaknesses during the month as three of the indicators recorded losses and one registered a gain. Construction contracts awarded and electrical power sales to industrial users fell slightly in comparison to recent months. Uncertainty on the part of business to step up long-term production seems to have returned.

Finance

The overall financial series was uncertain during February as seasonally adjusted personal income advanced. Apparently, consumers are becoming more reluctant to spend their increasing incomes on goods and services. The financial trends should improve and, hopefully, provide much needed support to other areas of the economy.

OKLAHOMA ECONOMIC INDICATORS

Introductory Notes

The techniques and format of this publication are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, *"Business Conditions Digest,"* issued by the U. S. Department of Commerce. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide for Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ([5] = May).

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Dots indicate actual monthly data where a moving average is plotted.

Parellel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.) of a series.

Four items pertaining to unemployment (series 4, 9, 10 and 15) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

CHANGE FROM PREVIOUS MONTH AND YEAR 1/

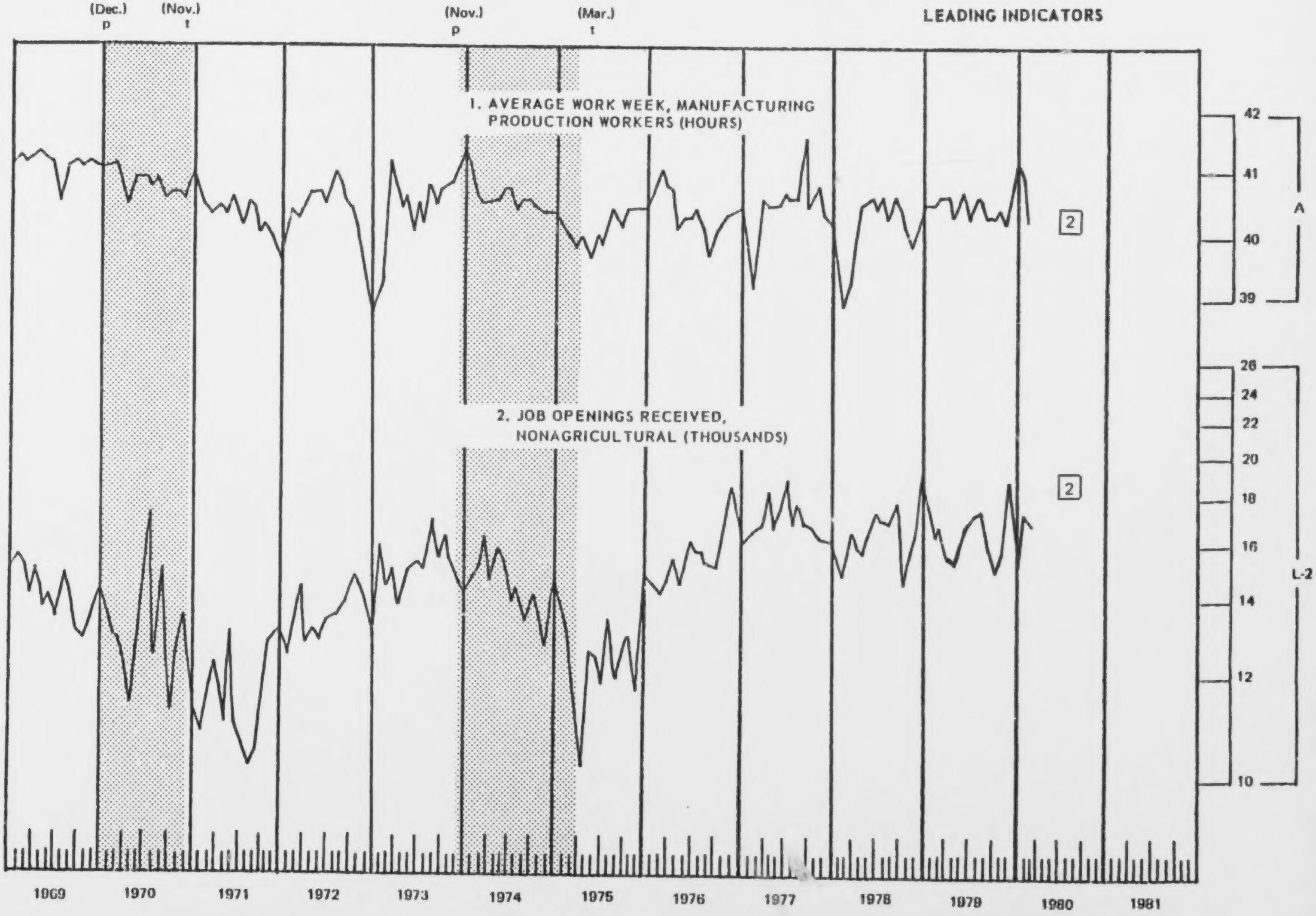
INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	Feb.	39.8*	40.0*	40.3	40.5	- 0.7	- 1.2
2. Job Openings Received, Nonag. . .	Number	Feb.	12,856	17,373	17,640	16,645	- 1.5	4.4
3. Job Placements, Nonag.	Number	Feb.	10,614	14,190	15,564	14,170	- 8.8	0.1
4. Initial Claims, Average Weekly . .	Number	Feb.	2,420	2,088	2,271	2,663	- 8.1	- 21.6
5. Construction Contracts	Thou. Dollars	Feb.	149,400	161,514	198,538	183,594	- 18.6	- 12.0
6. New Business Incorporations . . .	Number	Dec.	563	600	378	332	58.7	80.7
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	Feb.	383.7	388.4	400.5	391.3	- 3.0	- 0.7
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	Feb.	1,107.6*	1,121.1*	1,118.8	1,062.6	0.2	5.5
9. Unemployment Rate, Total . . .	Percent	Feb.	3.4*	3.2*	3.5	3.8	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	Feb.	1.9	1.5	1.5	1.5	xxx	xxx
11. Man-Hour Index	1967 = 100	Feb.	158.2*	160.3*	161.4	149.8	- 0.7	7.1
12. Personal Income	Million Dollars	Dec.	2,148	2,131	2,048	1,801	4.1	18.3
13. Sales Tax Collections	Thou. Dollars	Jan.	23,221	24,996	25,729	19,427	- 2.8	28.7
14. Electrical Power Sales to Industrial Users	Million KWH	Dec.	700	720	752	705	- 4.3	2.1
LAGGING INDICATORS								
15. Exhaustions, Unemployment Ins.	Number	Feb.	1,200	1,171	1,251	1,086	- 6.4	7.8

1/ *For historical data see pages 11-13.*

* *Preliminary Data.*

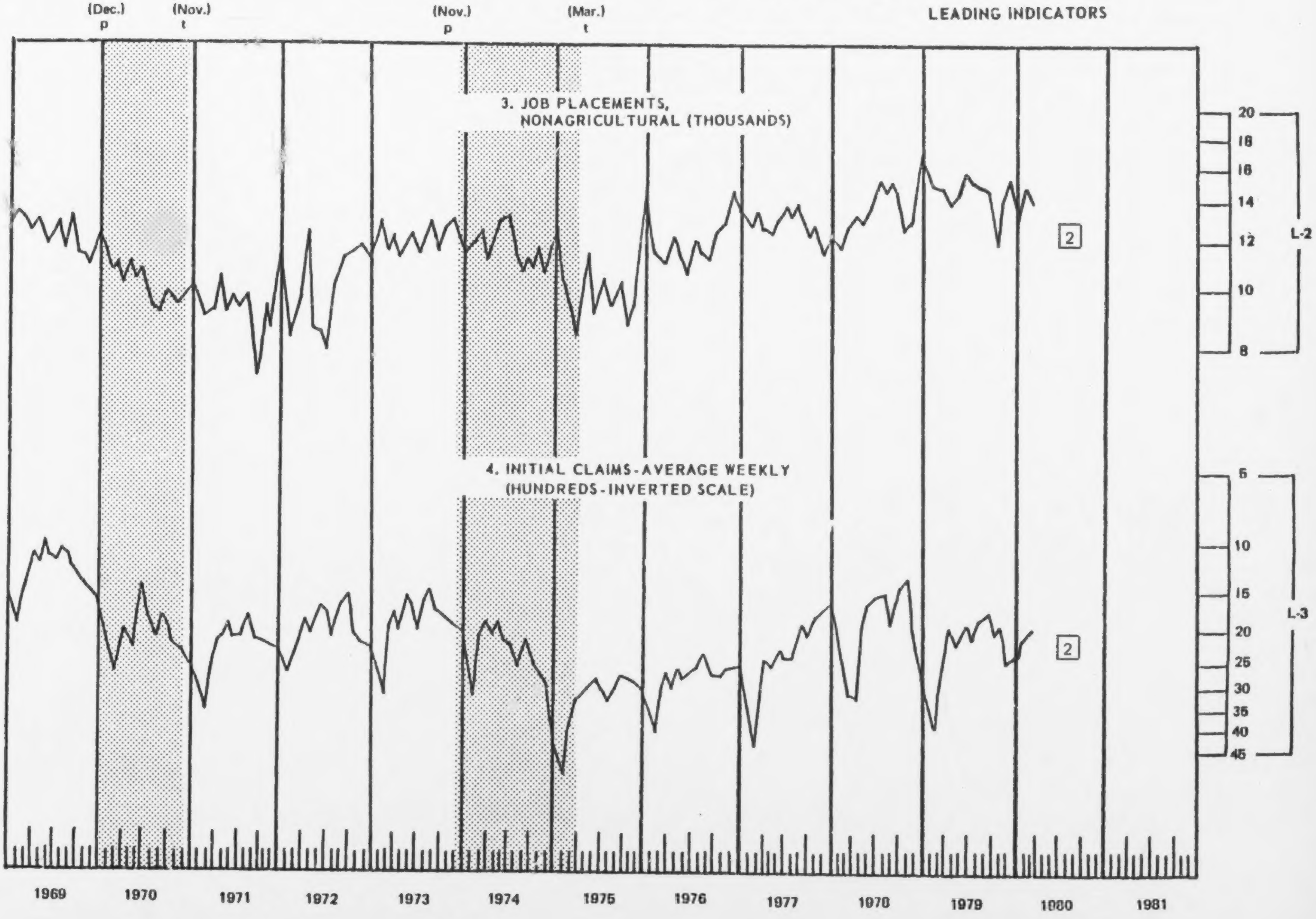
OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS

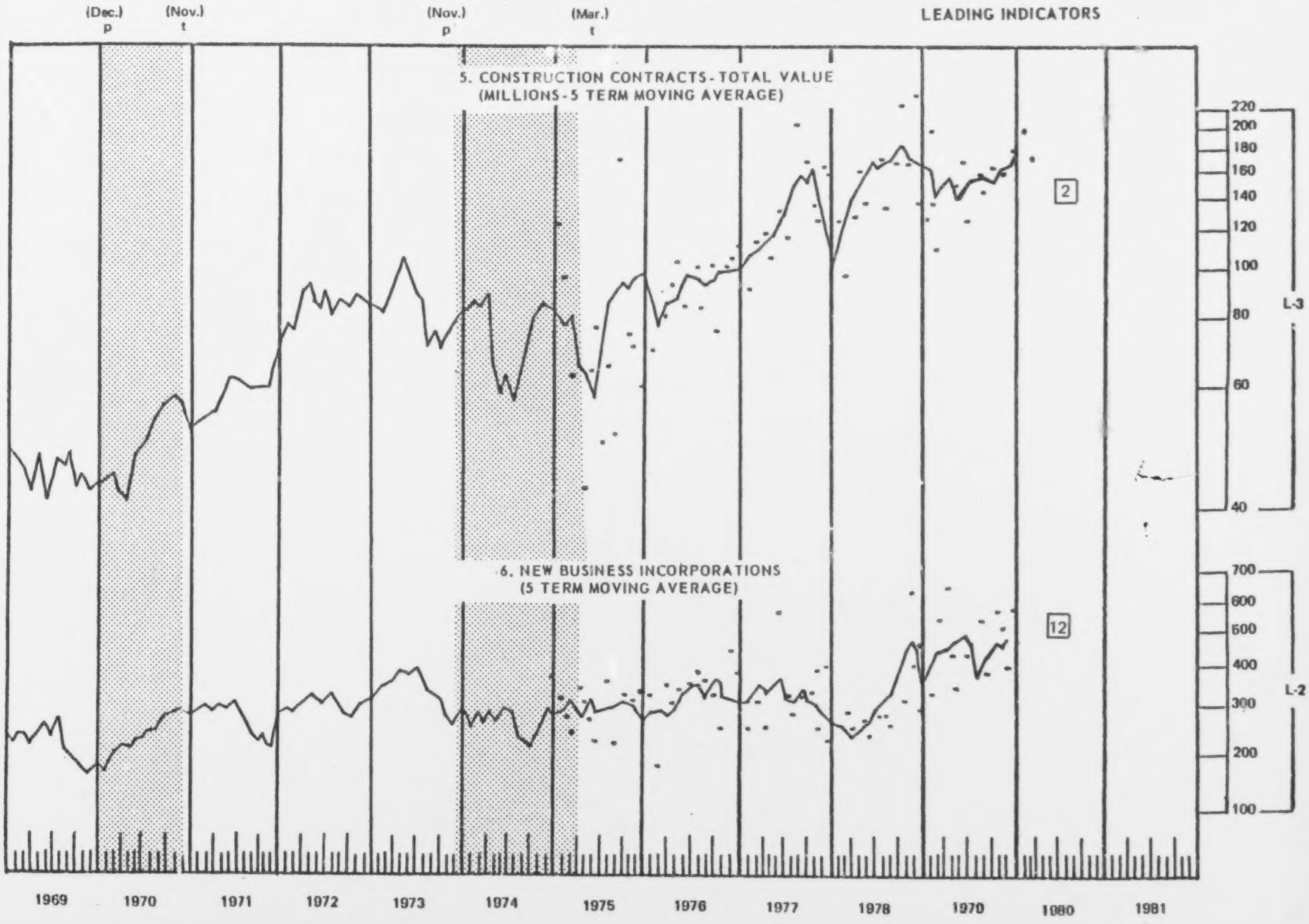


OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS

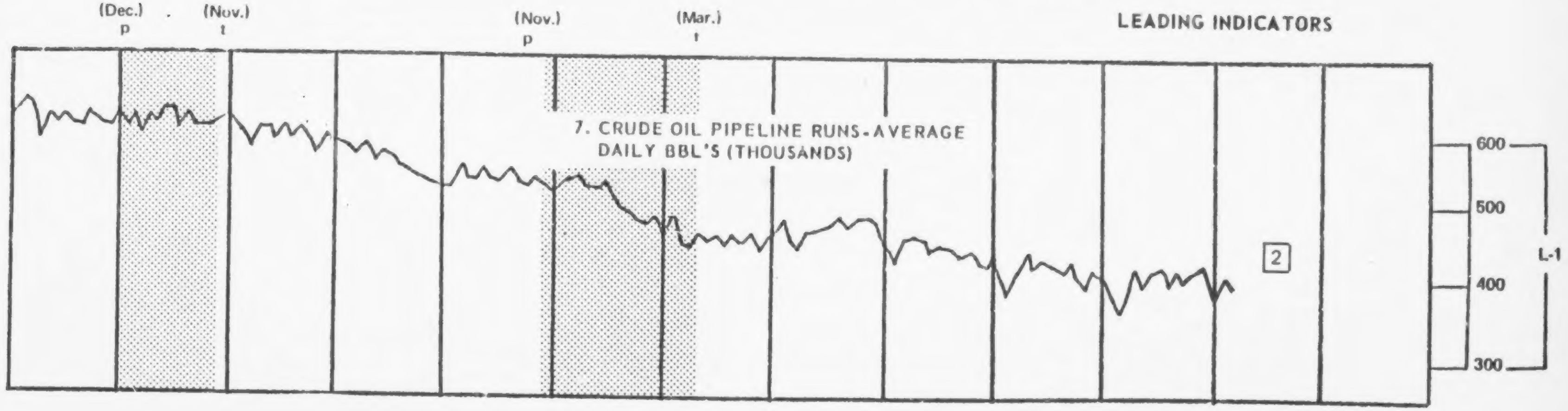


OKLAHOMA ECONOMIC INDICATORS

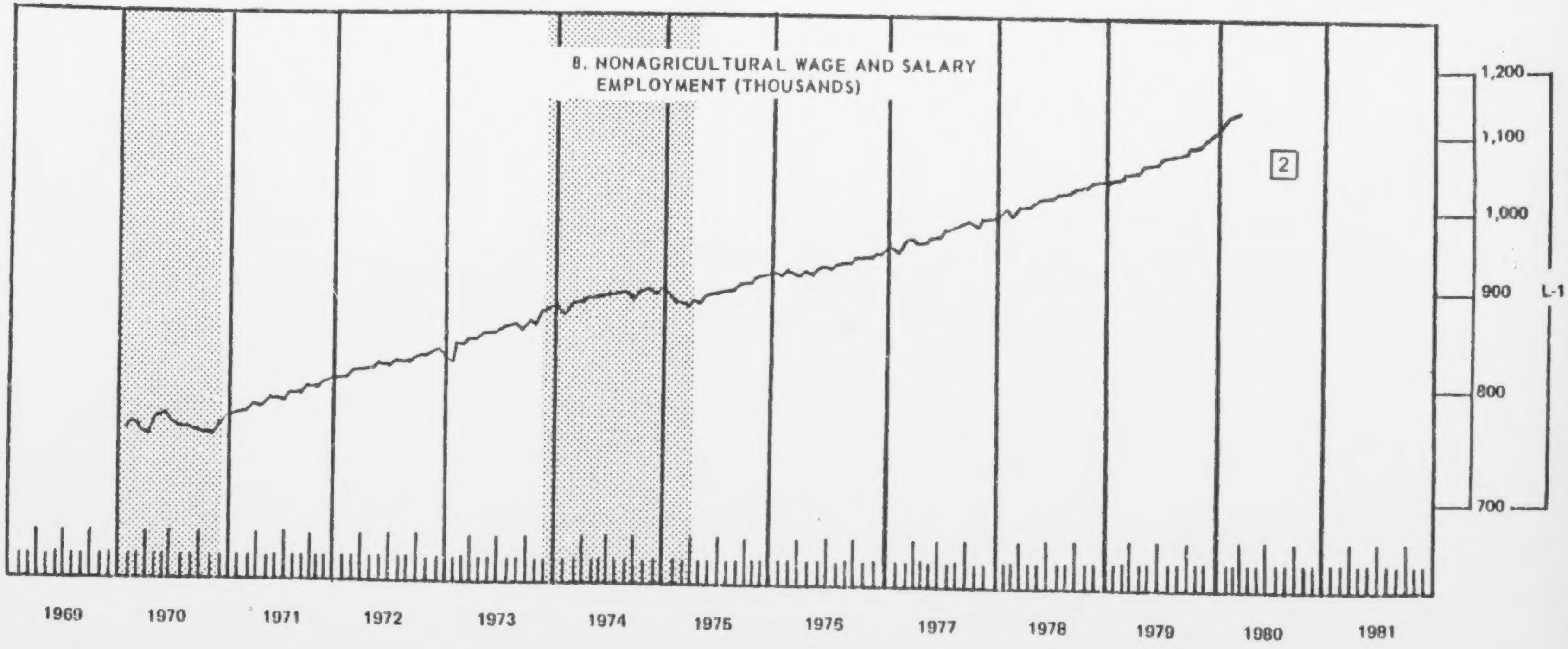


OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS

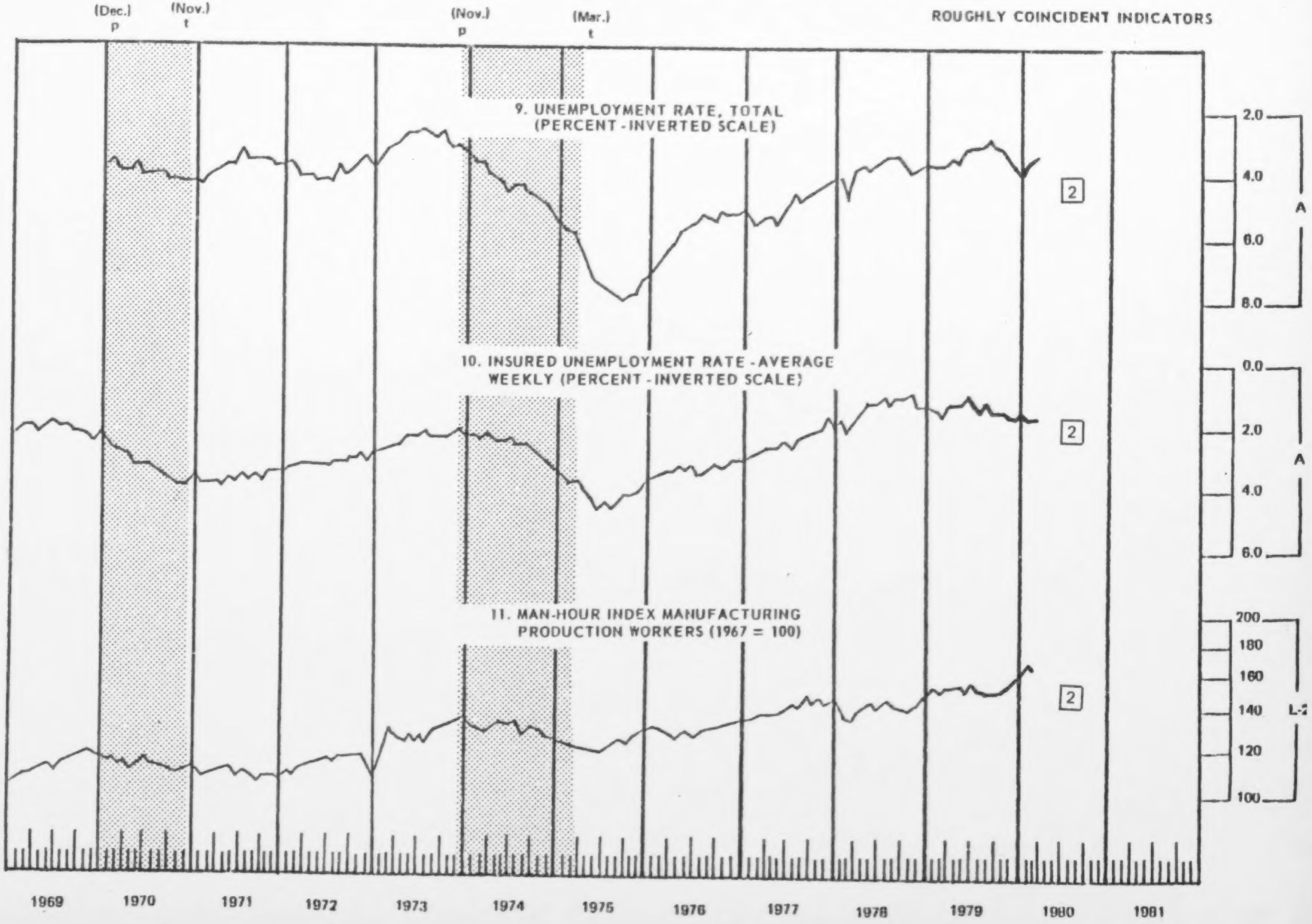

7. CRUDE OIL PIPELINE RUNS-AVERAGE DAILY BBL'S (THOUSANDS)

ROUGHLY COINCIDENT INDICATORS


8. NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (THOUSANDS)

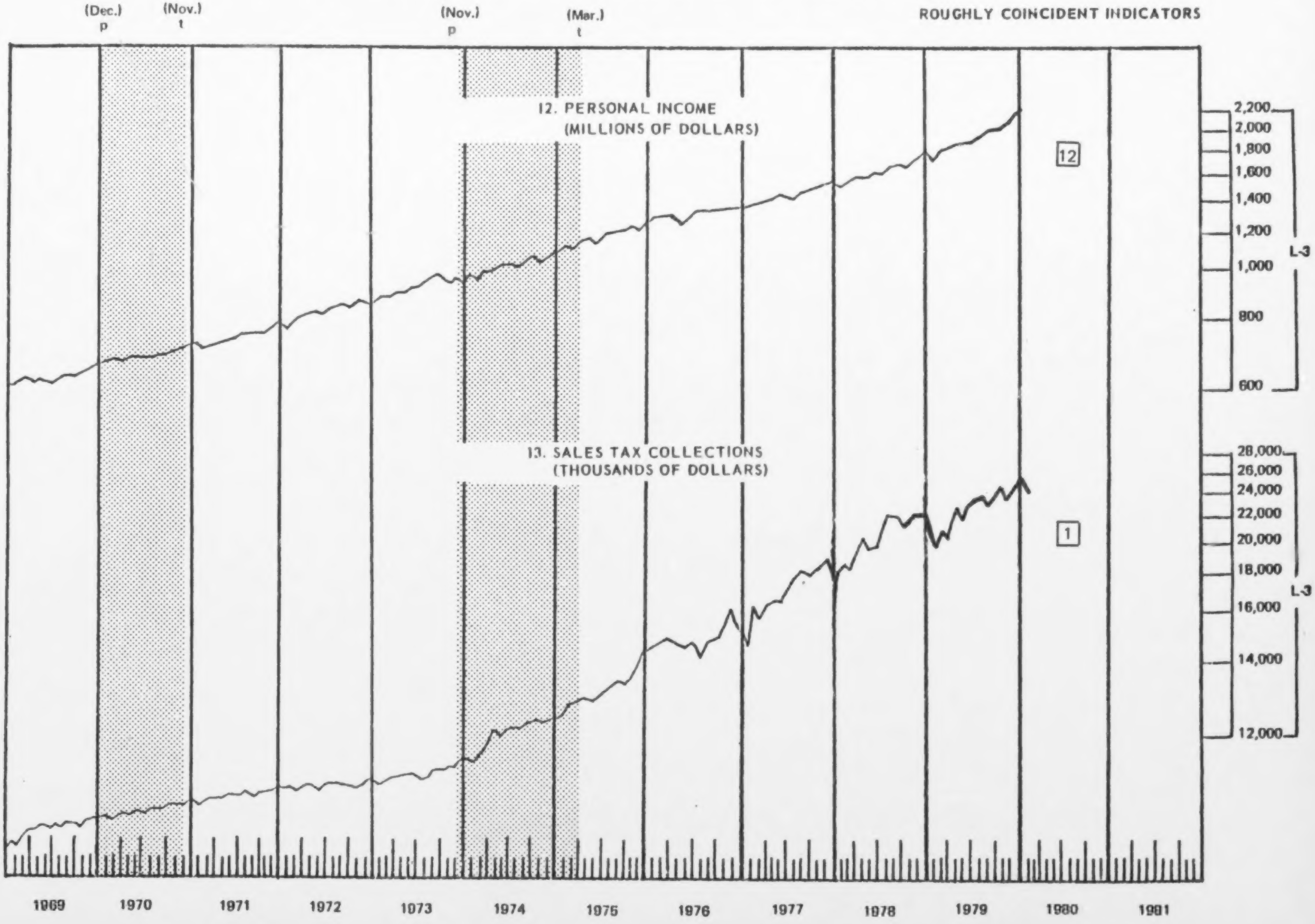
OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS

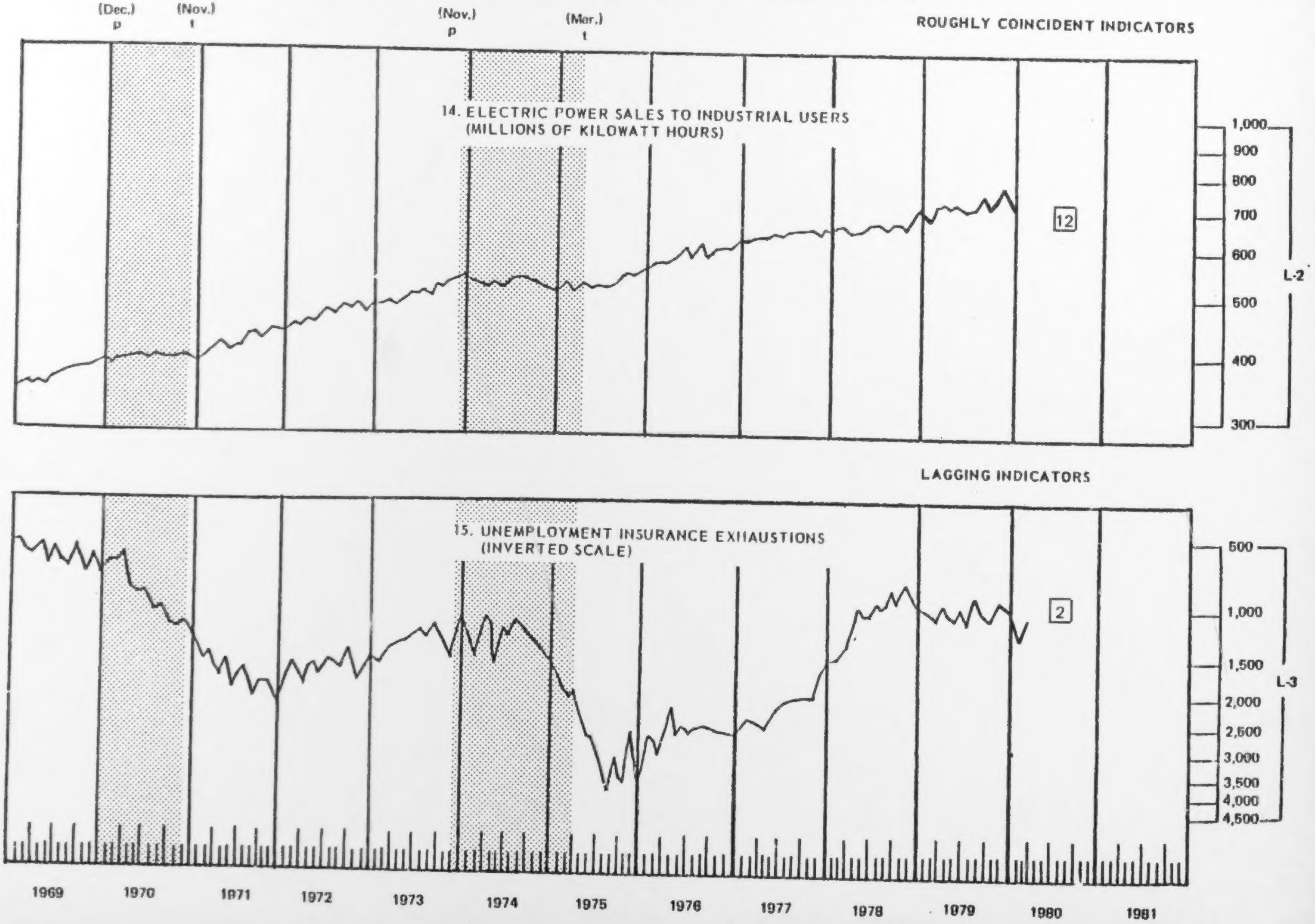


OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



OKLAHOMA ECONOMIC INDICATORS



LEADING INDICATORS

Date	1 Average Workweek Manufacturing Production Workers		2 Job Openings Received Nonagricultural		3 Job Placements Nonagricultural		4 Initial Claims Average Weekly		5 Construction Contracts Total Value		6 New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1979												
Jan.	40.3	40.3	12,206	16,517	10,707	14,372	4,086	2,541	116,523	141,928	313	370
Feb.	40.3	40.5	12,317	16,645	10,599	14,170	3,086	2,663	169,824	183,594	576	502
Mar.	40.4	40.5	15,825	15,653	14,797	13,946	2,000	2,105	175,097	142,124	637	596
Apr.	39.9	40.4	16,179	15,512	14,472	14,272	2,313	2,382	137,099	119,010	476	461
May	40.4	40.6	17,781	16,343	15,781	15,351	2,012	2,251	171,483	152,159	398	375
Jun.	40.3	40.3	22,003	17,150	19,305	14,570	1,907	2,128	178,468	170,620	439	443
Jul.	40.5	40.6	18,750	17,297	16,142	14,675	2,194	2,227	143,658	130,955	472	476
Aug.	40.4	40.3	19,620	15,810	17,430	14,287	1,894	2,233	151,637	155,685	376	324
Sep.	40.7	40.4	16,470	14,732	14,284	13,081	1,777	2,281	143,087	142,801	476	523
Oct.	40.4	40.5	17,987	15,709	15,933	14,239	2,050	2,214	145,499	156,282	412	474
Nov.	40.5	40.1	14,634	19,357	12,792	16,213	2,314	2,462	124,316	137,823	367	378
Dec.	41.3	40.8	11,279	15,039	9,812	12,911	2,542	2,433	133,305	169,169	563	600
1980												
Jan.	40.3	40.3	13,036	17,640	11,595	15,564	3,651	2,271	163,000	198,538		
Feb.	39.8*	40.0*	12,856	17,373	10,614	14,190	2,420	2,088	149,400	161,514		
Mar.												
Apr.												
May												
Jun.												
Jul.												
Aug.												
Sep.												
Oct.												
Nov.												
Dec.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7 Crude Oil Pipeline Runs, Average Daily Barrels		8 Nonagricultural Wage and Salary Employment		9 Unemployment Rate, Total		10 Insured Unemployment Rate Average Weekly		11 Man-hour Index Manufacturing Production Worke	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1979										
Jan.	369.8	390.1	1,047.8	1,061.6	4.2	3.9	1.8	1.5	147.9	149.5
Feb.	386.6	391.3	1,049.8	1,062.6	4.1	3.8	2.0	1.6	147.9	149.8
Mar.	410.5	401.7	1,068.3	1,074.7	3.4	3.4	1.6	1.3	150.4	151.9
Apr.	403.8	397.5	1,075.3	1,076.4	3.5	3.5	1.3	1.3	150.3	152.4
May	404.6	403.0	1,085.2	1,080.9	3.1	3.3	1.2	1.2	152.7	154.1
Jun.	405.5	403.1	1,095.8	1,089.3	3.5	3.3	1.2	1.3	153.7	152.6
Jul.	391.9	393.4	1,094.7	1,098.0	3.5	3.3	1.3	1.4	153.8	154.4
Aug.	404.8	397.7	1,099.9	1,098.8	3.1	3.1	1.2	1.3	154.8	154.5
Sep.	396.8	395.2	1,108.1	1,101.5	3.2	3.3	1.1	1.4	155.5	154.7
Oct.	402.4	400.8	1,110.6	1,104.0	3.1	3.3	1.1	1.4	155.5	154.6
Nov.	399.4	401.8	1,116.2	1,110.6	3.3	3.4	1.3	1.5	158.7	155.4
Dec.	379.4	379.0	1,122.1	1,113.2	3.5	3.7	1.5	1.4	163.5	160.1
1980										
Jan.	363.7	383.7	1,104.3	1,118.8	3.7	3.5	1.8	1.5	159.6	161.4
Feb.	383.7	388.4	1,107.6*	1,121.1*	3.4*	3.2*	1.9	1.5	158.2*	160.3*
Mar.										
Apr.										
May										
Jun.										
Jul.										
Aug.										
Sep.										
Oct.										
Nov.										
Dec.										

* *Preliminary Data*

ROUGHLY COINCIDENT INDICATORS

LAGGING INDICATORS

	12 Personal Income		13 Sales Tax Collections		14 Electrical Power Sales to Industrial Users		15 Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)		(Missions of Kilowatt Hours)		(Number)	
1979								
Jan.	1,768	1,799	18,048	19,427	684	696	1,125	1,017
Feb.	1,785	1,818	19,683	21,797	701	714	1,113	1,086
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Oct.	1,995	1,985	24,968	25,297	730	730	965	1,093
Nov.	2,060	1,985	23,340	23,600	748	752	901	969
Dec.	2,148	2,048	30,334	25,729	700	720	849	917
1980								
Jan.			23,221	24,996			1,384	1,251
Feb.							1,200	1,171
Mar.								
Apr.								
May								
Jun.								
Jul.								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								

* Preliminary Data

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Productions Workers.** Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. **Source: Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural.** Nonagricultural job openings placed by employers with the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial claims for unemployment insurance benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. **Source: Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total dollar value of contracts awarded for combined residential and nonresidential building in Oklahoma. Non-building contracts are not included. **Source: F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. **Source: Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. **Source: Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** All wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. **Source: Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Percent of persons estimated to be unemployed in Oklahoma based on methods prescribed by U. S. Department of Labor. **Source: Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers covered by unemployment insurance for the most recent available 12 month period. **Source: Oklahoma Employment Security Commission.**

11. **Man-Hour Index.** Total hours worked by manufacturing production workers in Oklahoma in relation to the base period of 1967=100 percent. **Source: Oklahoma Employment Security Commission.**

12. **Personal Income.** Current income received by individuals in Oklahoma from all sources. **Source: Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two percent sales tax collections for report month relate to month of actual sales. City sales taxes are not included. **Source: Oklahoma Tax Commission.**

14. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. **Source: Edison Electric Institute.**

Lagging Indicators

15. **Unemployment Insurance Exhaustions.** Number of unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. **Source: Oklahoma Employment Security Commission.**

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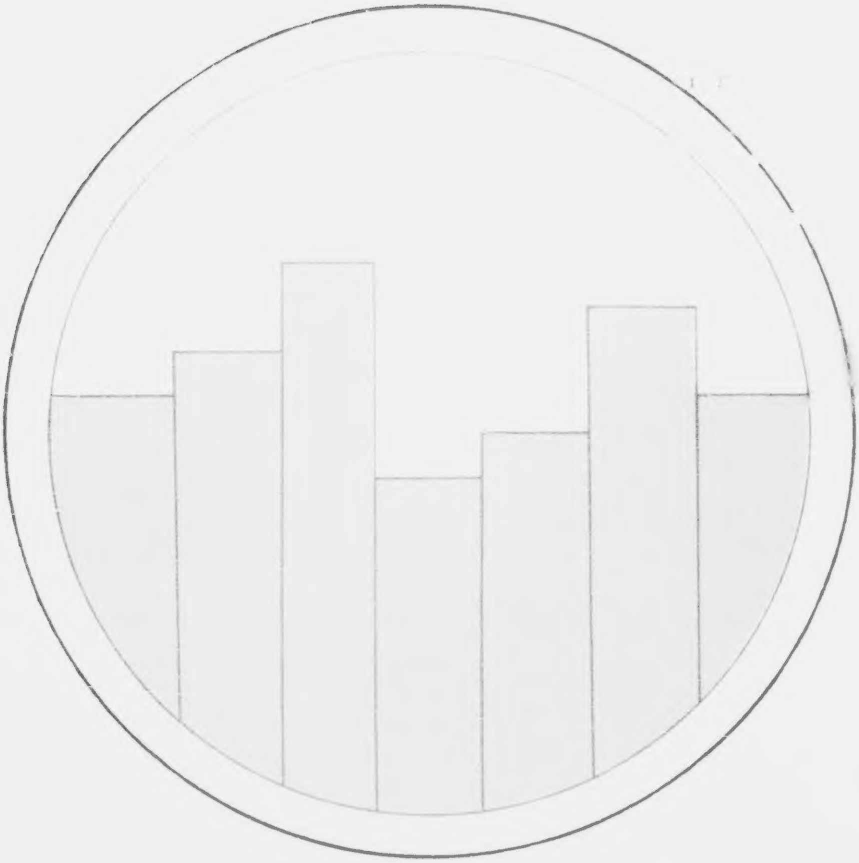
OKLAHOMA ECONOMIC INDICATORS

April 1980



JOB
SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

BEST AVAILABLE COPY

GEORGE NIGH, Governor
STATE OF OKLAHOMA

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE

Affiliated With the
UNITED STATES EMPLOYMENT AND TRAINING ADMINISTRATION

John Ray Green, *Chairman*

Representing Employers	*Representing Employees*
George Ollie, Jr.	**Charles M. (Mike) Nobles**
Roy Kendrick	**Clyde Smith**

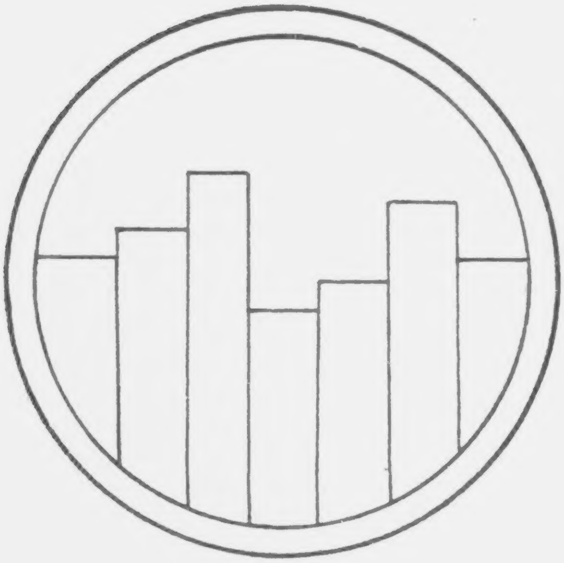
Bryce A. Baggett
Executive Director

The following is a list of public employment offices of the Oklahoma State Employment Service.

LOCATION	MANAGER
ADA 1628 East Beverly Drive	Charles R. Null
ALTUS 312 West Cypress	Julio Beltran
ARDMORE 201 "A" Street, S. W.	Lee Roy Hatfield
BARTLESVILLE 01 E. 5th Street	Donita McCarrell
BROKEN ARROW 704 West Oakland	Harold Martinson
CHICKASHA 628 Kansas Avenue	Gregory C. Campbell
CLAREMORE 1810 North Sioux	Ron Novotny
CLINTON 1120 Frisco Avenue	Ruth Switzer
DUNCAN 122 South 11th Street	Larry Donnell
DURANT 124 West Cedar	Michael B. Morrison
EDMOND 2120 S. Broadway Extension	Martin Bellows
ELK CITY 115 South Jefferson	James R. Hale
ENID 215 Kenwood Boulevard	A. K. Armstrong
GUYMON 707 North Main Street	Harold A. Duvall
HOLDENVILLE 115 N. Rodgers Drive	Yvonne Huser
HUGO 402 East Jackson	George Robison
IDABEL Hwy. 70 East and Brinkley Drive	Jerry Lane
LAWTON 811 "D" Avenue	Jack Manley
McALESTER 1201 East Wyandotte	Venetta Welsh
MIAMI 100 "A" Avenue, N. E.	D. Wendell Prentice
MUSKOGEE 704 East Side Boulevard	Johnnie Leeds
NORMAN 300 North Crawford	Marcus Weatherall
OKLAHOMA CITY	
919 N. W. 23rd Street	Terry Watson
4100 S. Douglas	David Slimp
8720 S. E. Fifteenth Street	Roger Pendergast
4345 N. W. 50th Street	Jacci Wirth
717 South Service Rd., Moore	Lois Lackey
3740 Springlake Drive	Audrey F. Adams
OKMULGEE 108 West Fifth Street	Erna Wilson
PONCA CITY 1201 West Grand	Virgil E. Mehlig
POTEAU 305 Clayton	Neville M. Brehm
PRYOR 219 N. E. First Street	John Carter
SALLISAW 204 North Elm	John R. McMahan
SAPULPA 1612 South Main	Lucille Mitchell
SEMINOLE 111 North Fourth Street	Warren Schroeder
SHAWNEE 127 North Park	Ann Higley
STILLWATER 730 South Western	Terry Coleman
TAHLEQUAH 1611 South Muskogee	Gary Harrington
TULSA	
818 South Boston	Gene Hunter
3105 East Skelly Drive	Peggy Phillips
11322B East 21st Street	Richard Robey
567 E. 36th St., North	Vacie Deal
401-J East Broadway Sand Springs	Rex Terrill
WOODWARD 1106 Texas Avenue	Kenneth Alexander

3-80

OKLAHOMA ECONOMIC INDICATORS



"Oklahoma Economic Indicators" is published monthly by the Oklahoma Employment Security Commission - Research and Planning - under the supervision of **Bill Hunter.** The compilation, analysis and narrative description of data is provided by **Roger Jacks.** Copies are available at no cost upon request. For additional information, please write or call: Oklahoma Employment Security Commission, Research and Planning, 310 Will Rogers Memorial Office Building, Oklahoma City, Oklahoma 73105. AC 405-521-3735.

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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, BRANCH MANAGER

OKLAHOMA ECONOMIC INDICATORS

April 1980

The economic outlook for Oklahoma was uncertain during this report month as seven of the seasonally adjusted series advanced, seven declined and one remained unchanged from month-ago readings. Although most sectors of the economy in Oklahoma have continued to move unsteadily in recent months, the overall economy is attempting to stabilize as evidenced by the large number of indicators that have recorded above year-ago readings. The current condition of Oklahoma's economy appeared to be much better than that of the nation. However, nationwide pressures are beginning to affect many of the series and will probably create an economic slowdown by mid-1980. This downturn of Oklahoma's economy should not be as severe as most other states.

Labor Market

The labor market was mixed as four of the indicators increased, four decreased and one was unchanged from one month earlier. Nonagricultural wage and salary employment and the average workweek moved favorably indicating at least some short-term economic optimism on the part of some manufacturers. However, nonagricultural job openings and job placements declined during March. The labor market exhibited some stability during the month and with support from the other sectors of the economy could retain a generally upward course. Few of the labor market series have recorded dramatic changes during the past year, but nearly all levels were above one year ago.

Business

The business sector also exhibited major weaknesses during the month as three of the indicators recorded losses and one registered a gain. Construction contracts awarded and electrical power sales to industrial users continued to fall slightly in comparison to recent months. Uncertainty on the part of business to step up long-term production seems to have returned.

Finance

The overall financial series was more positive during March as seasonally adjusted personal income and sales tax collections advanced. Apparently, consumers are spending an increasing share of their rising incomes on goods and services. The financial trends could improve and, hopefully, provide much needed support to other areas of the economy.

Introductory Notes

The techniques and format of this publication are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, *"Business Conditions Digest,"* issued by the U. S. Department of Commerce. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide for Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ([5] = May).

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Dots indicate actual monthly data where a moving average is plotted.

Parellel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.) of a series.

Four items pertaining to unemployment (series 4, 9, 10 and 15) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

CHANGE FROM PREVIOUS MONTH AND YEAR 1/

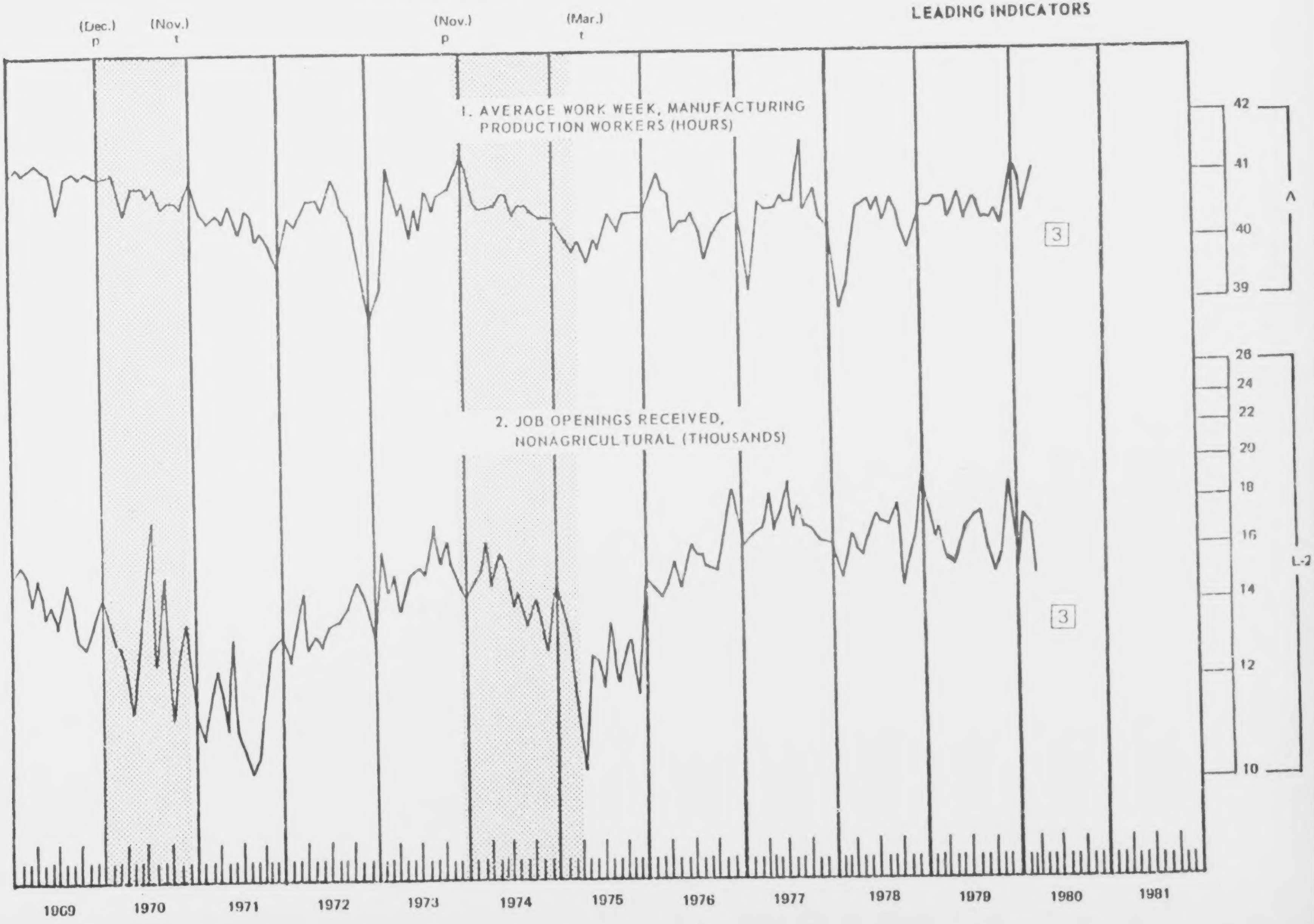
INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	Mar.	40.7*	40.8*	40.2	40.5	1.5	0.7
2. Job Openings Received, Nonag.	Number	Mar.	14,467	14,310	17,373	15,653	- 17.6	- 8.6
3. Job Placements, Nonag.	Number	Mar.	12,922	12,179	14,190	13,946	- 14.2	- 12.7
4. Initial Claims, Average Weekly	Number	Mar.	2,116	2,227	2,088	2,105	6.7	5.8
5. Construction Contracts	Thou. Dollars	Mar.	130,900	106,250	161,514	142,124	- 34.2	- 25.2
6. New Business Incorporations	Number	Jan.	412	487	600	370	- 18.8	31.6
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	Mar.	379.6	371.4	388.4	401.7	- 4.4	- 7.5
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	Mar.	1,119.9*	1,126.6*	1,120.3	1,074.7	0.6	4.8
9. Unemployment Rate, Total	Percent	Mar.	3.2*	3.2*	3.2	3.4	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	Mar.	1.7	1.4	1.5	1.3	xxx	xxx
11. Man-Hour Index	1967 = 100	Mar.	160.9*	162.5*	160.0	151.9	1.6	7.0
12. Personal Income	Million Dollars	Jan.	2,227	2,266	2,131	1,799	6.4	26.0
13. Sales Tax Collections	Thou. Dollars	Feb.	22,936	25,400	24,996	21,797	1.6	16.5
14. Electrical Power Sales to Industrial Users	Million KWH	Jan.	728	742	720	696	30.6	6.6
LAGGING INDICATORS								
15. Exhaustions, Unemployment Ins.	Number	Mar.	1,280	1,194	1,171	1,005	2.0	18.8

1/ *For historical data see pages 11-13.*

* *Preliminary Data*

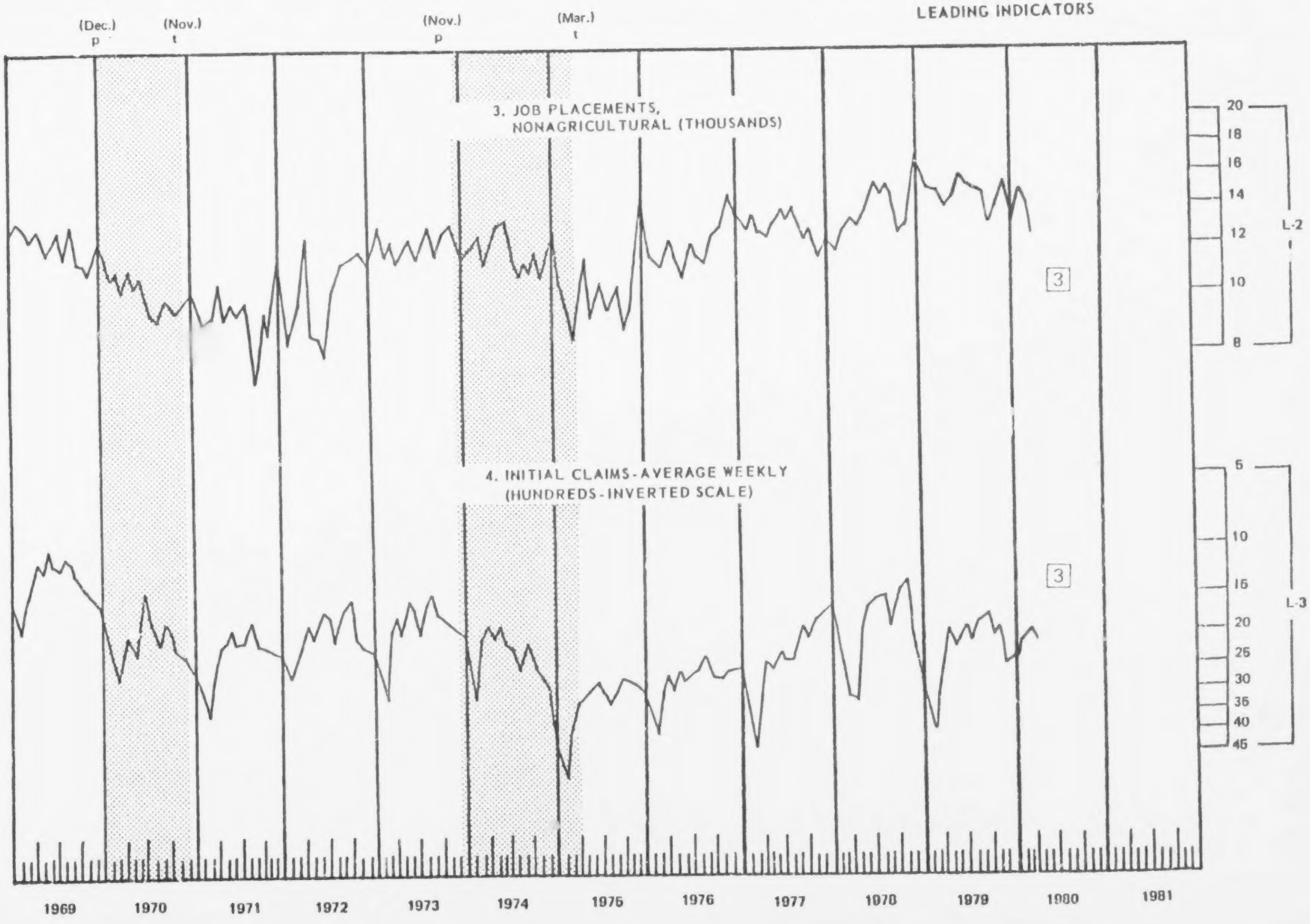
OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



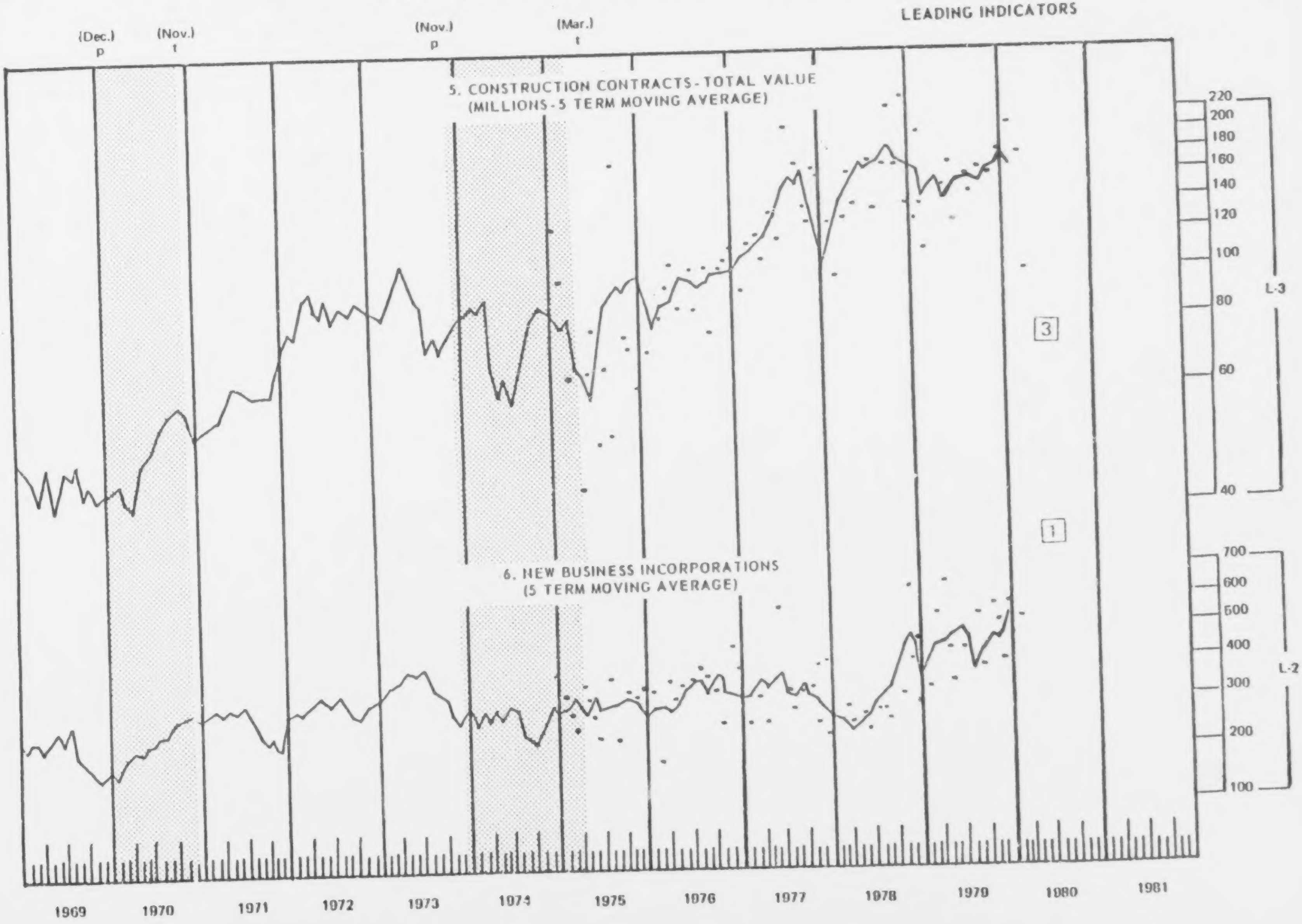
OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



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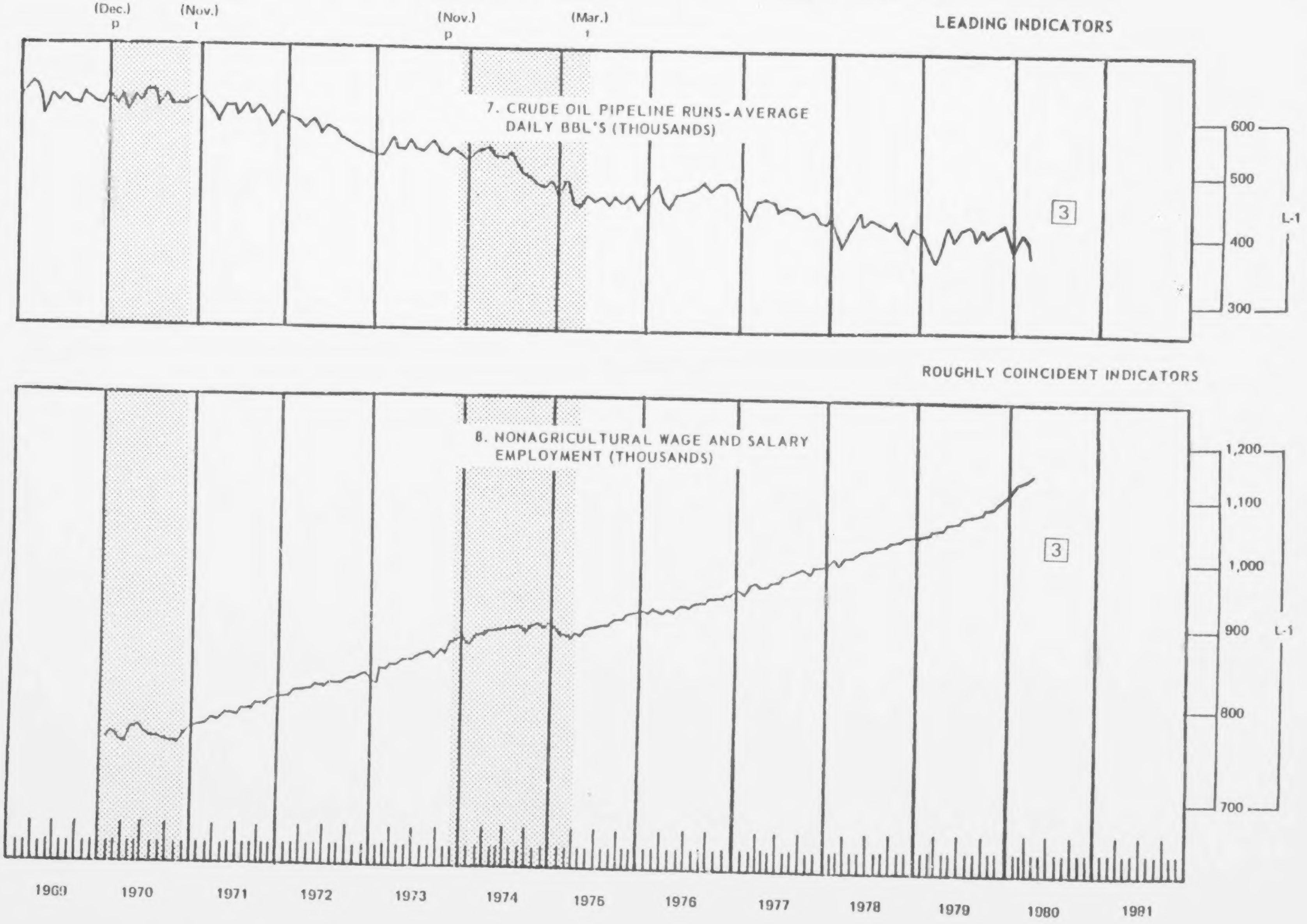

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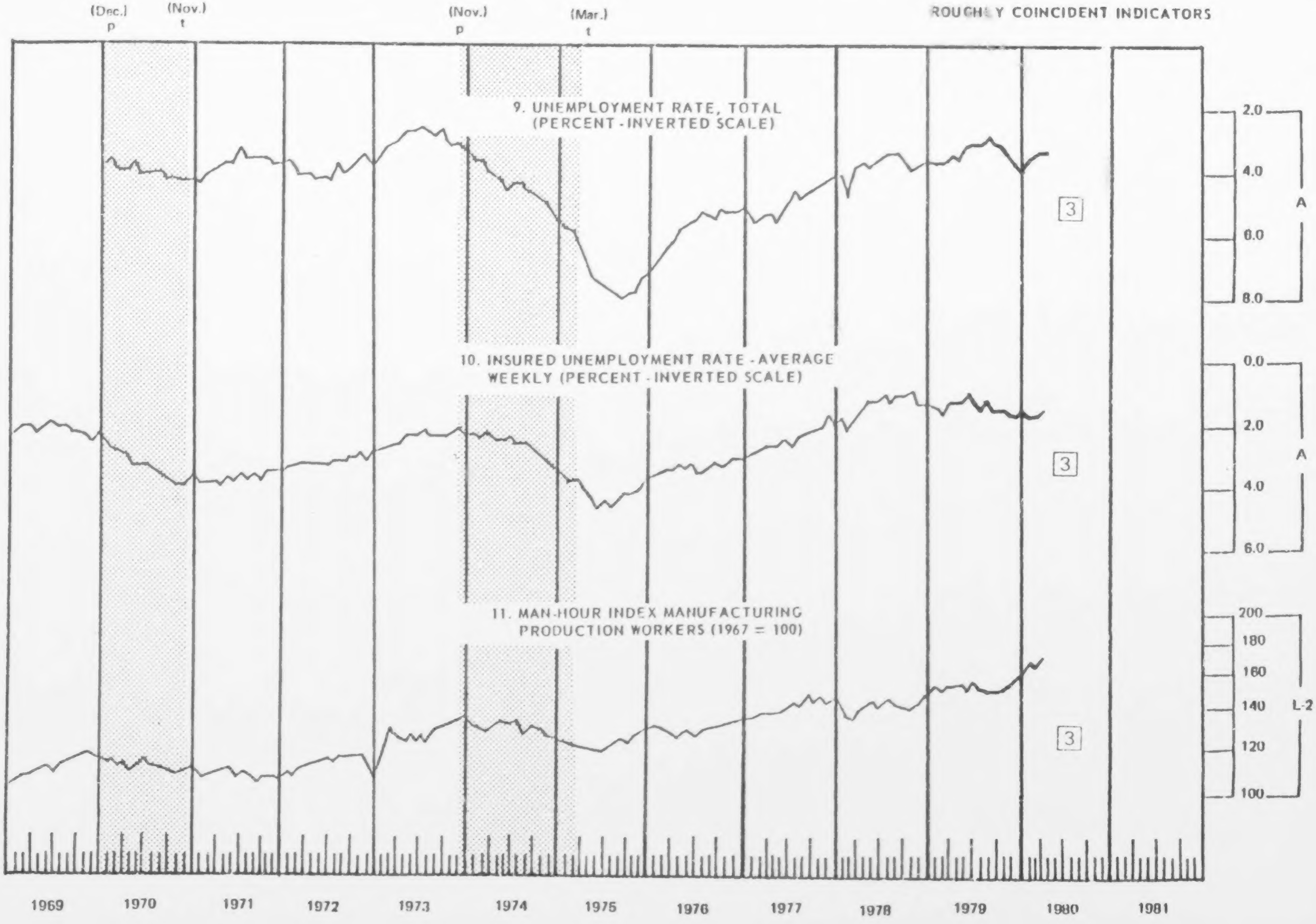

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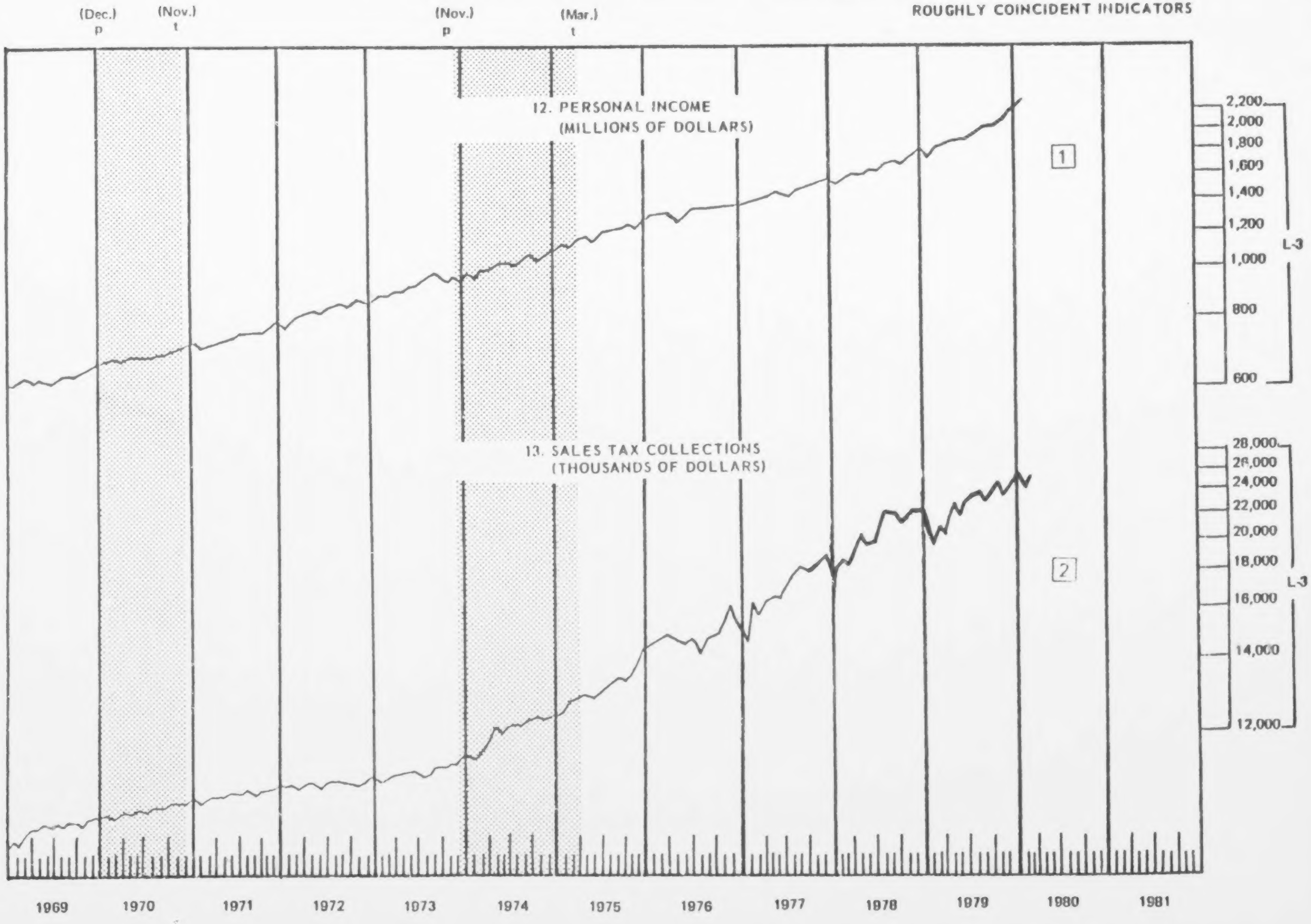
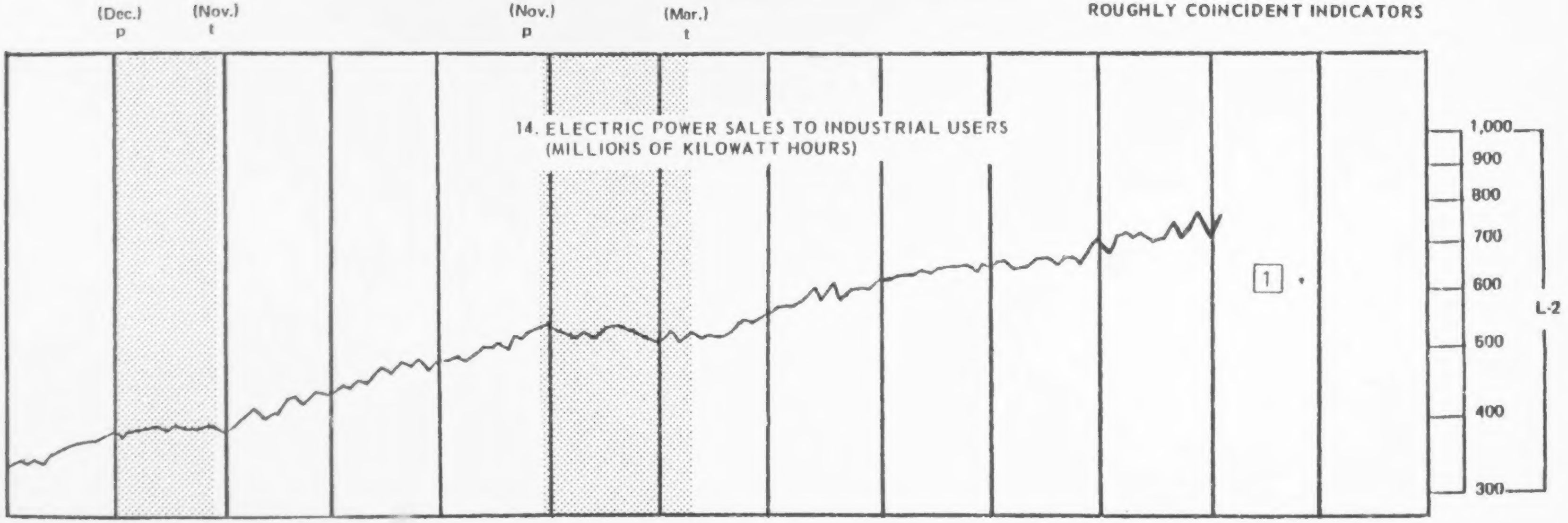
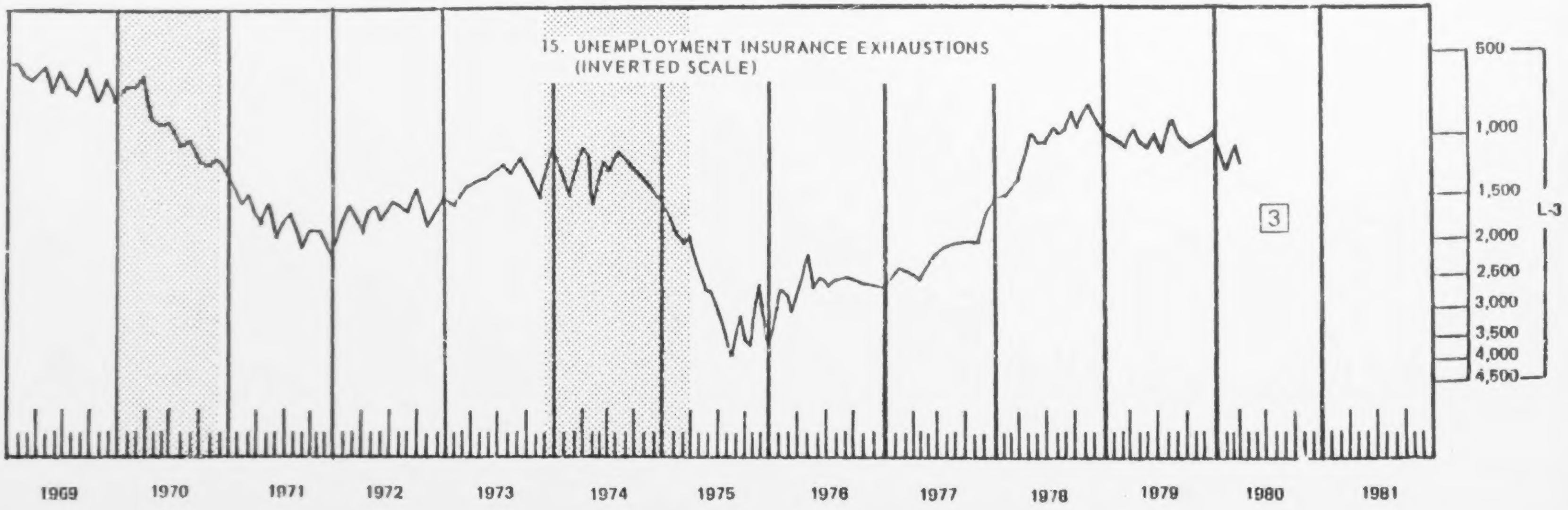


OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



LAGGING INDICATORS



LEADING INDICATORS

	1		2		3		4		5		6	
Date	Average Workweek Manufacturing Production Workers		Job Openings Received Nonagricultural		Job Placements Nonagricultural		Initial Claims Average Weekly		Construction Contracts Total Value		New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1979												
Jan.	40.3	40.3	12,206	16,517	10,707	14,372	4,086	2,541	116,523	141,928	313	370
Feb.	40.3	40.5	12,317	16,645	10,599	14,170	3,086	2,663	169,824	183,594	576	502
Mar.	40.4	40.5	15,825	15,653	14,797	13,946	2,000	2,105	175,097	142,124	637	596
Apr.	39.9	40.4	16,179	15,512	14,472	14,272	2,313	2,382	137,099	119,010	476	461
May	40.4	40.6	17,781	16,343	15,781	15,351	2,012	2,251	171,483	152,159	398	375
Jun.	40.3	40.3	22,003	17,150	19,305	14,570	1,907	2,128	178,468	170,620	439	443
Jul.	40.5	40.6	18,750	17,297	16,142	14,675	2,194	2,227	143,658	130,955	472	476
Aug.	40.4	40.3	19,620	15,810	17,430	14,287	1,894	2,233	151,637	155,685	376	324
Sep.	40.7	40.4	16,470	14,732	14,284	13,081	1,777	2,281	143,087	142,801	476	523
Oct.	40.4	40.5	17,987	15,709	15,933	14,239	2,050	2,214	145,499	156,282	412	474
Nov.	40.5	40.1	14,634	19,357	12,792	16,213	2,314	2,462	124,316	137,823	367	378
Dec.	41.3	40.8	11,279	15,039	9,812	12,911	2,542	2,433	133,305	169,169	563	600
1980												
Jan.	40.3	40.3	13,036	17,640	11,595	15,564	3,651	2,271	163,000	198,538	412	487
Feb.	40.0	40.2	12,856	17,373	10,614	14,190	2,420	2,088	149,400	161,514		
Mar.	40.7*	40.8*	14,467	14,310	12,922	12,179	2,116	2,227	130,900	106,250		
Apr.												
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Jun.												
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Sep.												
Oct.												
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Dec.												

* *Preliminary Data*

LEADING INDICATORS

ROUGHLY COINCIDENT INDICATORS

	7 Crude Oil Pipeline Runs, Average Daily Barrels			8 Nonagricultural Wage and Salary Employment		9 Unemployment Rate, Total		10 Insured Unemployment Rate Average Weekly		11 Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj.		Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)			(Thousands)		(Percent)		(Percent)		(1967=100)	
1979											
Jan.	369.8	390.1		1,047.8	1,061.6	4.2	3.9	1.8	1.5	147.9	149.5
Feb.	386.6	391.3		1,049.8	1,062.6	4.1	3.8	2.0	1.6	147.9	149.8
Mar.	410.5	401.7		1,068.3	1,074.7	3.4	3.4	1.6	1.3	150.4	151.9
Apr.	403.8	397.5		1,075.3	1,076.4	3.5	3.5	1.3	1.3	150.3	152.4
May	404.6	403.0		1,085.2	1,080.9	3.1	3.3	1.2	1.2	152.7	154.1
Jun.	405.5	403.1		1,095.8	1,089.3	3.5	3.3	1.2	1.3	153.7	152.6
Jul.	391.9	393.4		1,094.7	1,098.0	3.5	3.3	1.3	1.4	153.8	154.4
Aug.	404.8	397.7		1,099.9	1,098.8	3.1	3.1	1.2	1.3	154.8	154.5
Sep.	396.8	395.2		1,108.1	1,101.5	3.2	3.3	1.1	1.4	155.5	154.7
Oct.	402.4	400.8		1,110.6	1,104.0	3.1	3.3	1.1	1.4	155.5	154.6
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	ROUGHLY COINCIDENT INDICATORS						LAGGING INDICATORS	
	12		13		14		15	
	Personal Income		Sales Tax Collections		Electrical Power Sales to Industrial Users		Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)		(Missions of Kilowatt Hours)		(Number)	
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Aug.	1,954	1,944	24,204	23,318	759	731	1,013	934
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Leading Indicators

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2. **Job Openings Received, Nonagricultural.** Nonagricultural job openings placed by employers with the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial claims for unemployment insurance benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. **Source: Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total dollar value of contracts awarded for combined residential and nonresidential building in Oklahoma. Non-building contracts are not included. **Source: F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. **Source: Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. **Source: Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** All wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. **Source: Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Percent of persons estimated to be unemployed in Oklahoma based on methods prescribed by U. S. Department of Labor. **Source: Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers covered by unemployment insurance for the most recent available 12 month period. **Source: Oklahoma Employment Security Commission.**

11. **Man-Hour Index.** Total hours worked by manufacturing production workers in Oklahoma in relation to the base period of 1967=100 percent. **Source: Oklahoma Employment Security Commission.**

12. **Personal Income.** Current income received by individuals in Oklahoma from all sources. **Source: Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two percent sales tax collections for report month relate to month of actual sales. City sales taxes are not included. **Source: Oklahoma Tax Commission.**

14. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. **Source: Edison Electric Institute.**

Lagging Indicators

15. **Unemployment Insurance Exhaustions.** Number of unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. **Source: Oklahoma Employment Security Commission.**

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
WILL ROGERS MEMORIAL OFFICE BUILDING
OKLAHOMA CITY, OKLAHOMA 73105

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OKLAHOMA ECONOMIC INDICATORS

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JOB SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

GEORGE NIGH, Governor
STATE OF OKLAHOMA

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE

Affiliated With the
UNITED STATES EMPLOYMENT AND TRAINING ADMINISTRATION

John Ray Green, *Chairman*

Representing Employers	*Representing Employees*
George Ollie, Jr	Charles M. (Mike) Nobles
Roy Kendrick	Clyde Smith

Bryce A. Baggett
Executive Director

The following is a list of public employment offices of the Oklahoma State Employment Service

LOCATION	MANAGER
ADA 1628 East Beverly Drive	Charles R. Null
ALTUS 312 West Cypress	John Beltran
ARDMORE 201 "A" Street, S.W.	Lee Roy Hatfield
BARTLESVILLE 501 E. 5th Street	Donna McCarrell
BROKEN ARROW 704 West Oakland	Harold Martinson
CHICKASHA 628 Kansas Avenue	Gregory C. Campbell
CLAREMORE 1810 North Sioux	Ron Novotny
CLINTON 1120 Frisco Avenue	Ruth Switzer
DUNCAN 122 South 11th Street	Larry Donnell
DURANT 124 West Cedar	Michael B. Morrison
EDMOND 2120 S. Broadway Extension	Martin Bellows
ELK CITY 115 South Jefferson	James R. Hale
ENID 215 Kenwood Boulevard	A. K. Armstrong
GUYMON 707 North Main Street	Harold A. Duvall
HOLDENVILLE 115 N. Rodgers Drive	Yvonne Huser
HUGO 402 East Jackson	George Robison
IDABEL Hwy. 70 East and Brinkley Drive	Jerry Lane
LAWTON 811 "D" Avenue	Jack Manley
McALESTER 1201 East Wyandotte	Venetta Welsh
MIAMI 100 "A" Avenue, N.E.	D. Wendell Prentice
MUSKOGEE 704 East Side Boulevard	Johnnie Leeth
NORMAN 300 North Crawford	Marcus Weatherall
OKLAHOMA CITY	
919 N. W. 23rd Street	Terry Watson
4100 S. Douglas	David Slimp
8720 S. E. Fifteenth Street	Roger Pendergast
4345 N. W. 50th Street	Jacci Wirth
717 South Service Rd., Moore	Lois Lackey
3740 Springlake Drive	Audrey F. Adams
OKMULGEE 108 West Fifth Street	Erna Wilson
PONCA CITY 1201 West Grand	Virgil E. Mehlig
POTEAU 305 Clayton	Neville M. Brehm
PRYOR 219 N. E. First Street	John Carter
SALLISAW 204 North Elm	John R. McMahan
SAPULPA 1612 South Main	Lucille Mitchell
SEMINOLE 111 North Fourth Street	Warren Schroeder
SHAWNEE 127 North Park	Ann Higley
STILLWATER 730 South Western	Terry Coleman
TAHLEQUAH 1611 South Muskogee	Gary Harrington
TULSA	
818 South Boston	Gene Hunter
3105 East Skelly Drive	Peggy Phillips
11322B East 21st Street	Richard Robey
567 E. 36th St., North	Vacie Deal
401-J East Broadway Sand Springs	Rex Terrill
WOODWARD 1106 Texas Avenue	Kenneth Alexander

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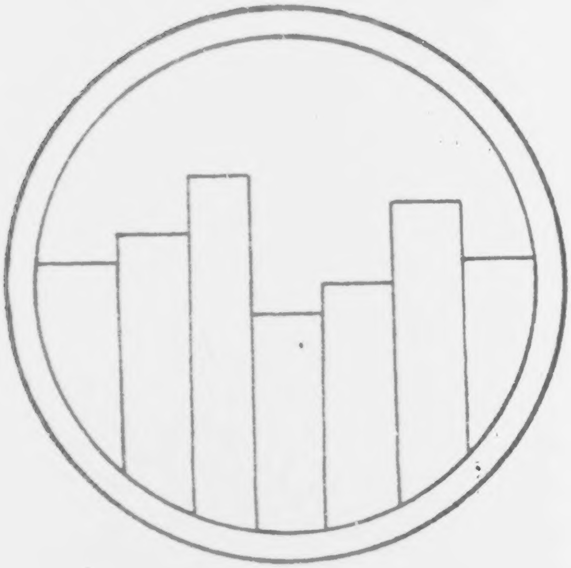
OKLAHOMA ECONOMIC INDICATORS



"Oklahoma Economic Indicators" is published monthly by the Oklahoma Employment Security Commission - Research and Planning - under the supervision of **Bill Hunter.** The compilation, analysis and narrative description of data is provided by Roger Jacks. Copies are available at no cost upon request. For additional information, please write or call: Oklahoma Employment Security Commission, Research and Planning, 310 Will Rogers Memorial Office Building, Oklahoma City, Oklahoma 73105. AC 405-521-3735.

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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, BRANCH MANAGER

OKLAHOMA ECONOMIC INDICATORS

May 1980

The economic outlook for Oklahoma was somewhat optimistic during this report month as eight of the seasonally adjusted series advanced and seven declined from month-ago readings. Although most sectors of the economy in Oklahoma have moved unsteadily in recent months, the overall economy is attempting to stabilize as evidenced by the large number of indicators that have recorded above year-ago readings. The current condition of Oklahoma's economy appears to be much better than that of the nation. However, nationwide pressures are beginning to affect some of the series and could still create an economic slowdown in the state by mid-1980. This possible downturn of Oklahoma economy should not be as severe as most other states.

Labor Market

The labor market declined slightly during April as four of the indicators increased and five decreased from one month earlier. Nonagricultural wage and salary employment and the average workweek moved favorably indicating at least some short-term economic optimism on the part of some manufacturers. In addition, nonagricultural job openings and job placements rallied during April. The labor market exhibited some uncertainty during the month but with support from the other sectors of the economy could regain a generally upward course. Few of the labor market series have recorded dramatic changes during the past year, but nearly all levels were above one year ago.

Business

The business sector exhibited more stability during the month as two of the indicators recorded losses and two registered gains. Construction contracts awarded and average daily crude-oil pipeline runs rose slightly in comparison to recent months. Uncertainty on the part of business to step up long-term production in all areas seems to have returned.

Finance

The overall financial series was more positive during April as seasonally adjusted personal income and sales tax collections advanced once again. Apparently, consumers are spending an increasing share of their rising incomes on goods and services. The financial trends should improve and, hopefully, provide much needed support to other areas of the economy.

OKLAHOMA ECONOMIC INDICATORS

Introductory Notes

The techniques and format of this publication are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, "*Business Conditions Digest*," issued by the U. S. Department of Commerce. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide for Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ([5] = May).

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Dots indicate actual monthly data where a moving average is plotted.

Parellel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.) of a series.

Four items pertaining to unemployment (series 4, 9, 10 and 15) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

CHANGE FROM PREVIOUS MONTH AND YEAR 1/

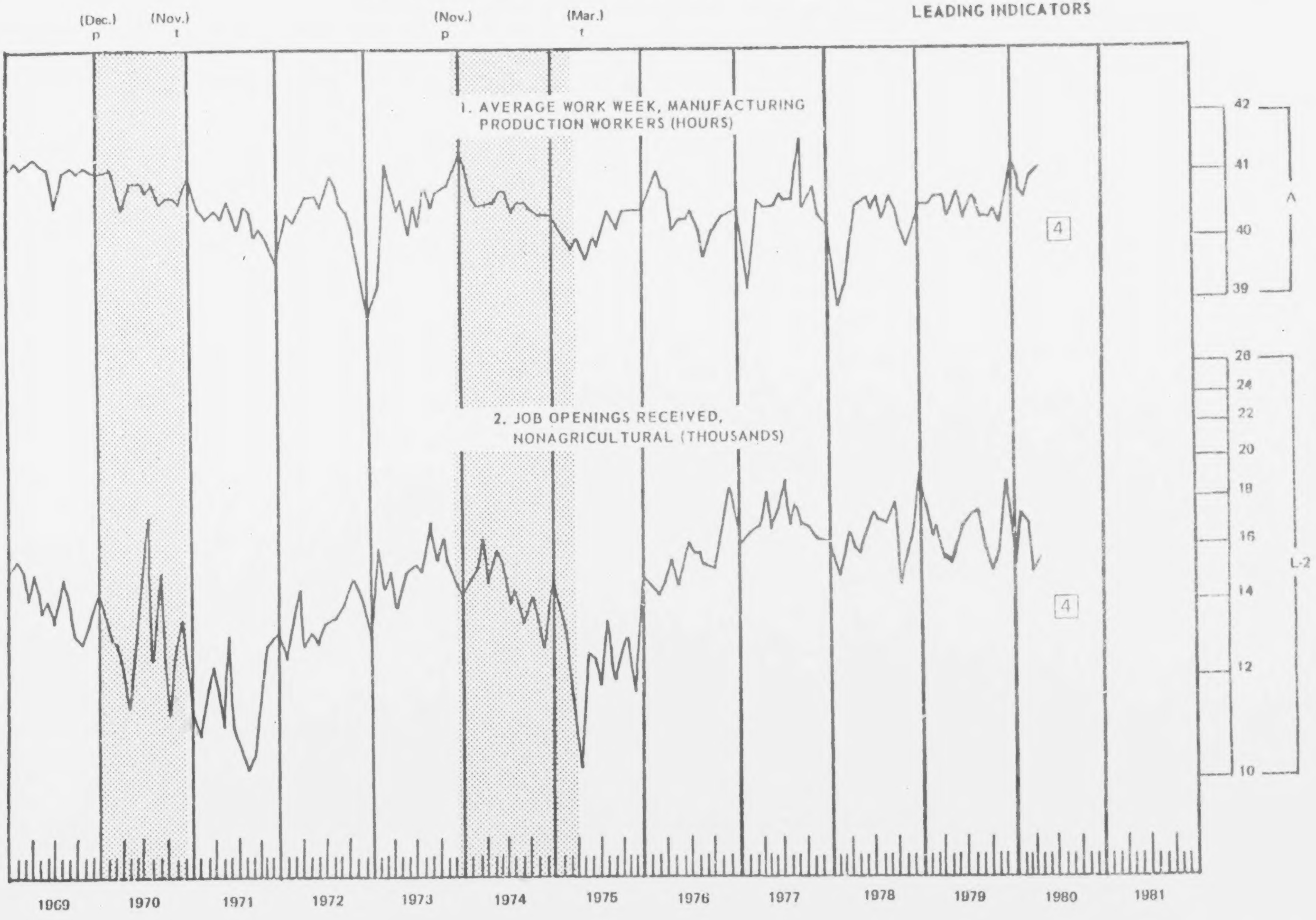
INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	April	40.3*	40.8*	40.6	40.4	0.5	1.0
2. Job Openings Received, Nonag.	Number	April	15,292	14,662	14,310	15,512	2.5	- 5.5
3. Job Placements, Nonag.	Number	April	13,788	13,598	12,179	14,272	11.7	- 4.7
4. Initial Claims, Average Weekly	Number	April	3,412	3,514	2,227	2,382	57.8	47.5
5. Construction Contracts	Thou. Dollars	April	138,900	120,573	106,250	119,010	13.5	1.3
6. New Business Incorporations	Number	Feb.	400	348	487	502	- 28.5	- 30.7
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	April	406.8	400.4	371.4	397.5	7.8	0.7
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	April	1,128.4*	1,129.5*	1,126.8	1,076.4	0.2	4.9
9. Unemployment Rate, Total	Percent	April	3.7*	3.8*	3.3	3.5	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	April	1.7	1.7	1.4	1.3	xxx	xxx
11. Man-Hour Index	1967 = 100	April	158.3*	160.5*	161.0	152.4	- 0.3	5.3
12. Personal Income	Million Dollars	Feb.	2,242	2,283	2,266	1,818	0.8	25.6
13. Sales Tax Collections	Thou. Dollars	Mar.	24,219	26,325	25,400	21,583	3.6	22.0
14. Electrical Power Sales to Industrial Users	Million KWH	Feb.	710	722	742	714	- 2.7	1.1
LAGGING INDICATORS								
15. Exhaustions, Unemployment Ins.	Number	April	1,457	1,430	1,194	1,075	19.8	33.0

1/ *For historical data see pages 11-13.*

* *Preliminary Data.*

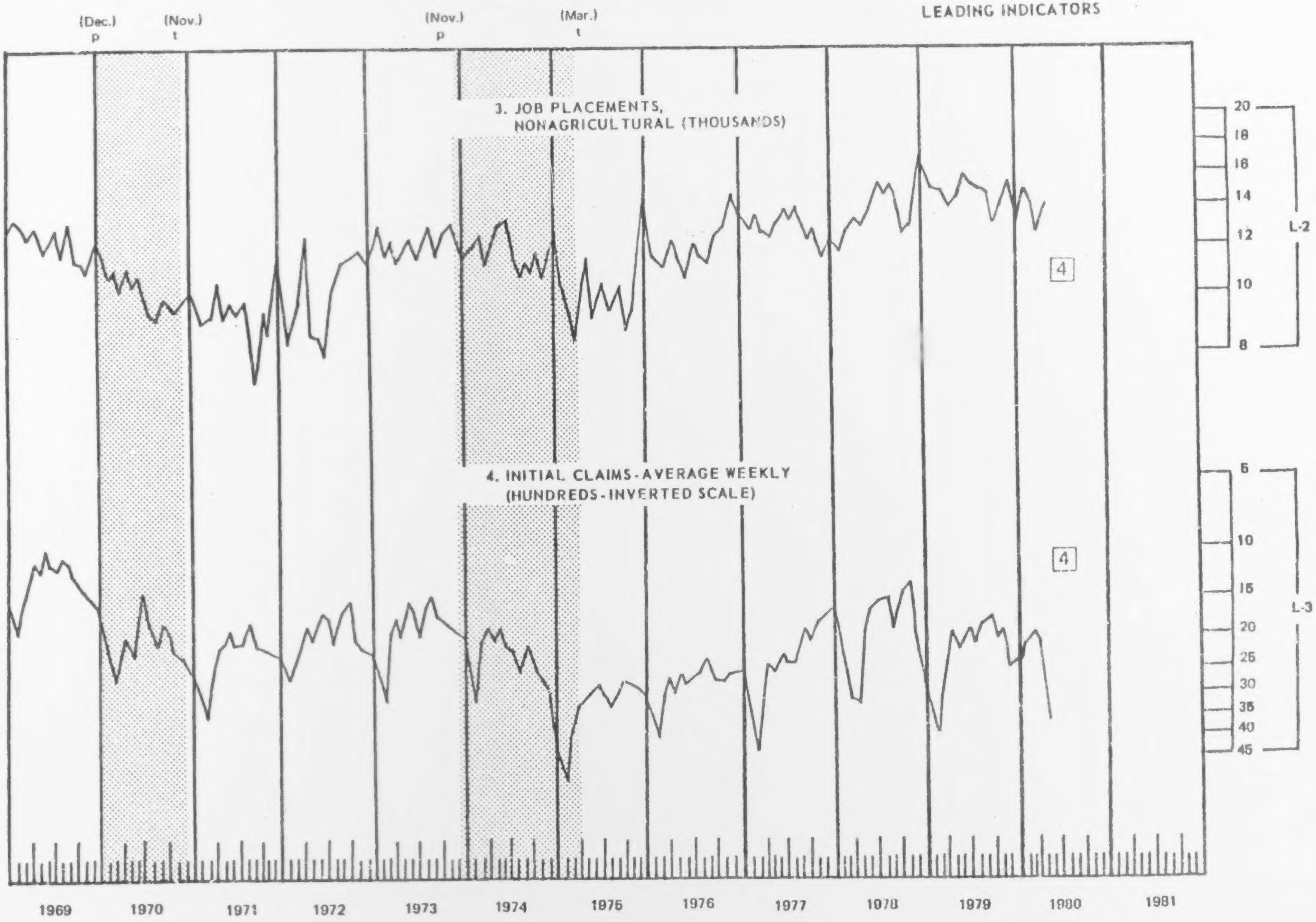
OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



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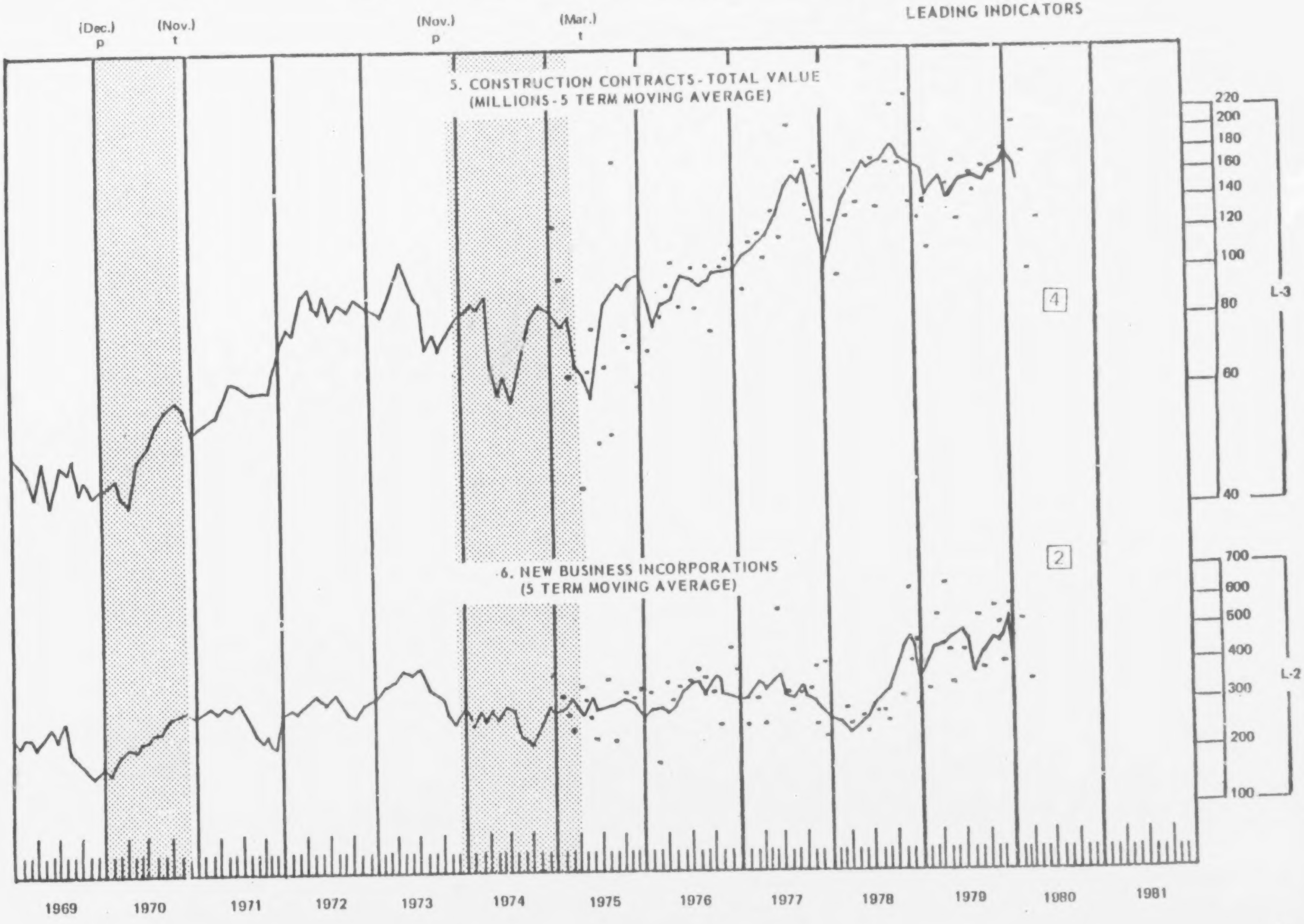
LEADING INDICATORS



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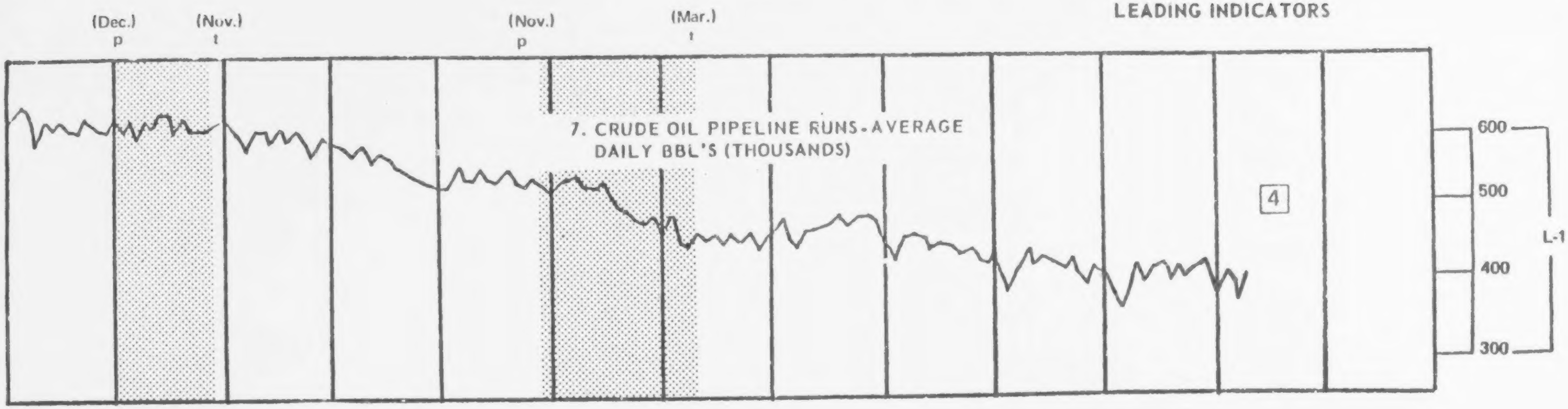
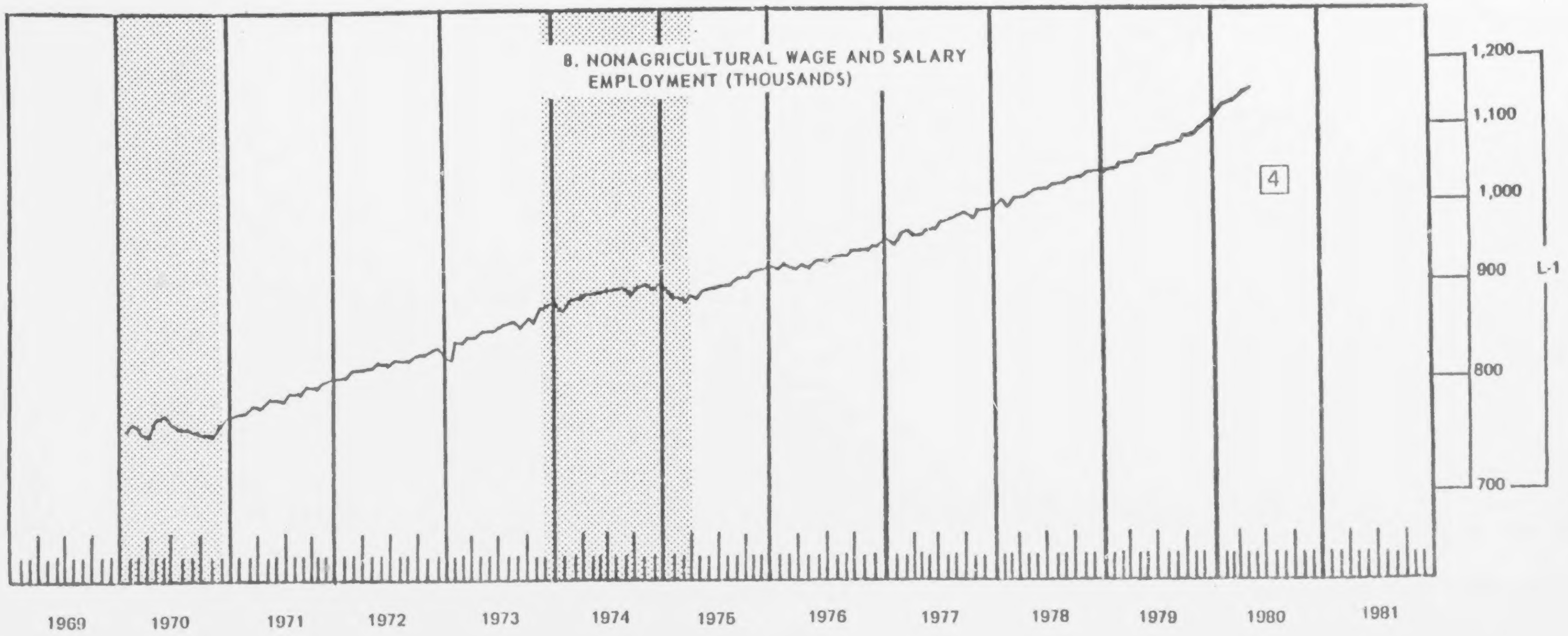
LEADING INDICATORS

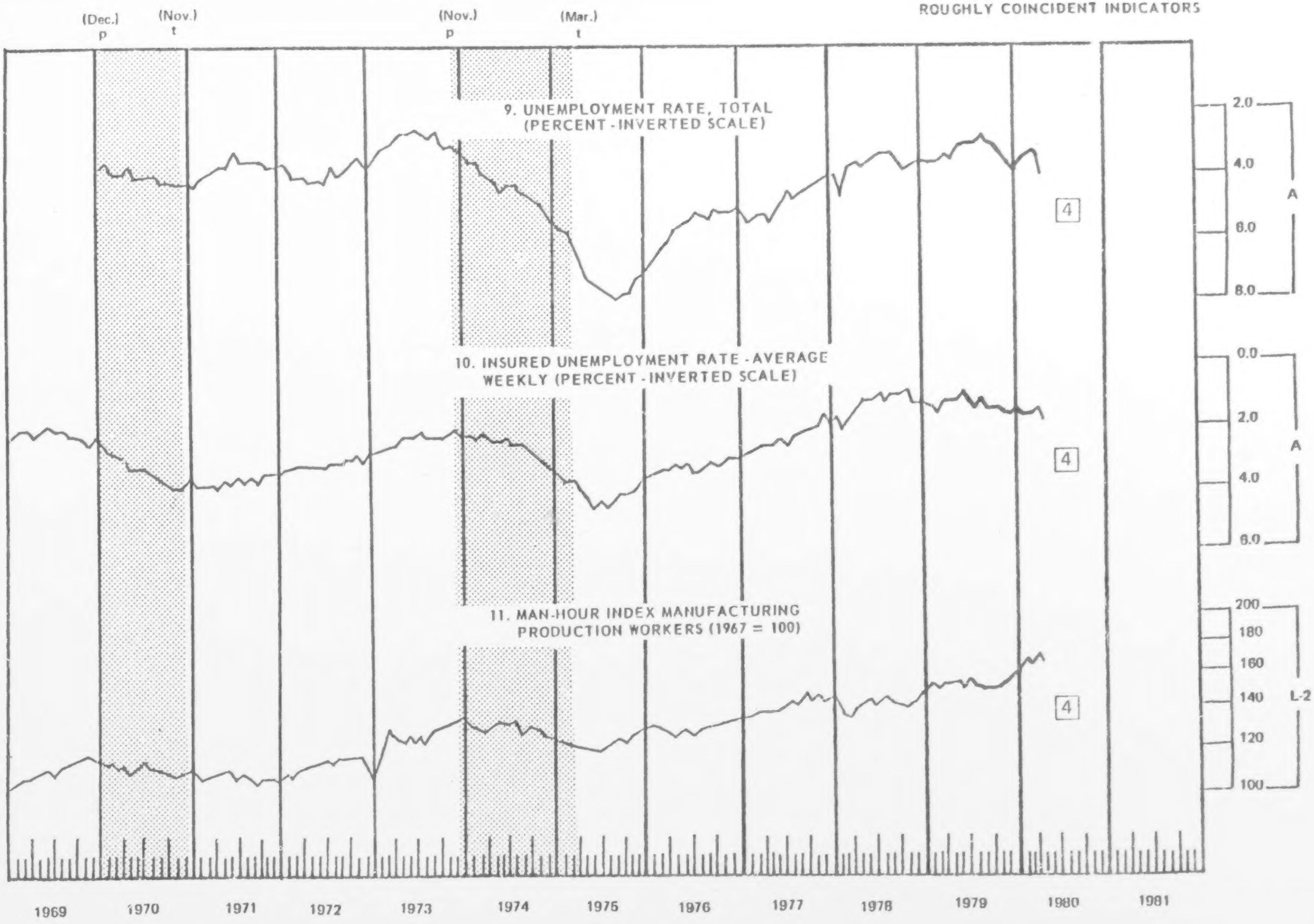


ROUGHLY COINCIDENT INDICATORS



OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



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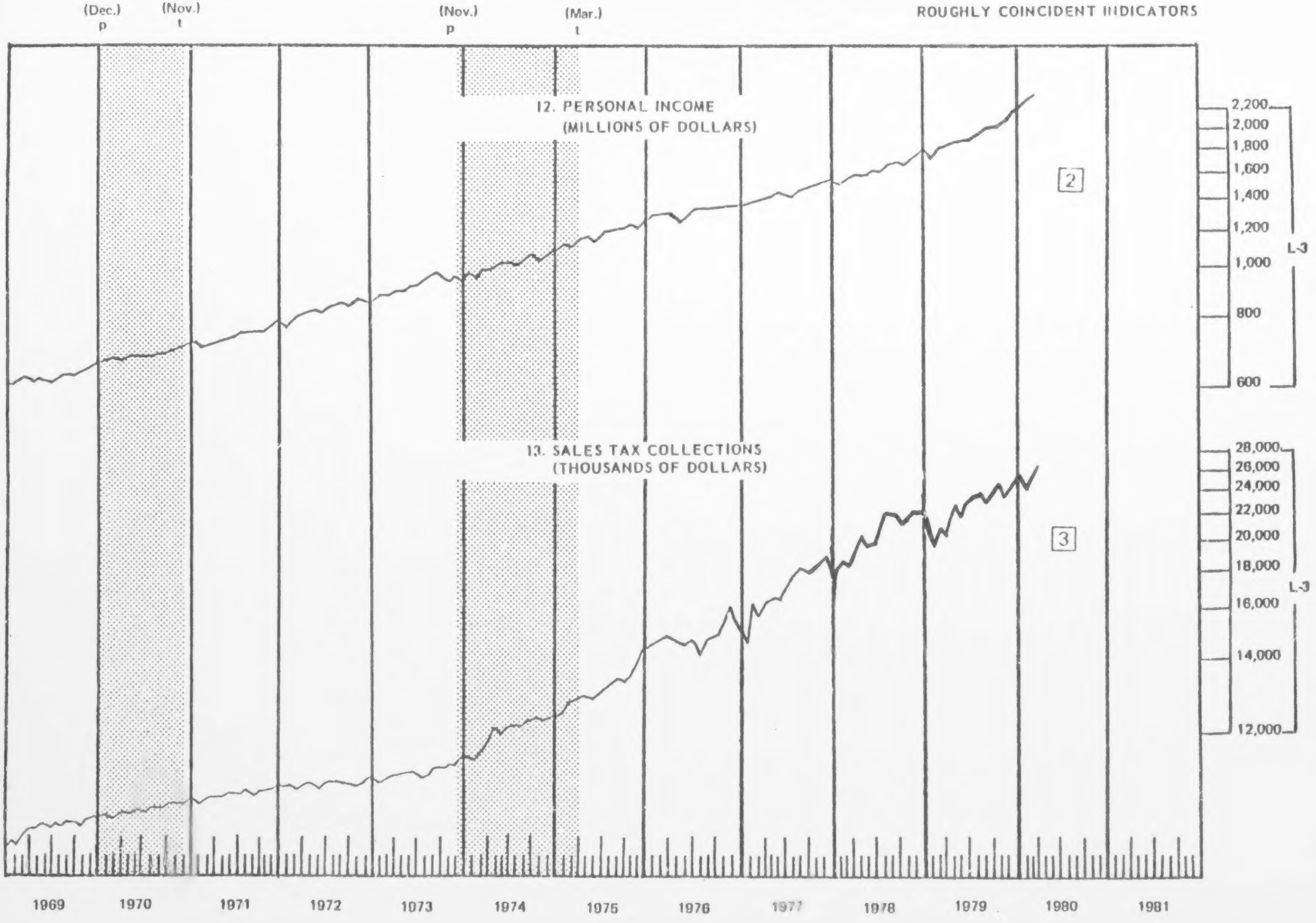

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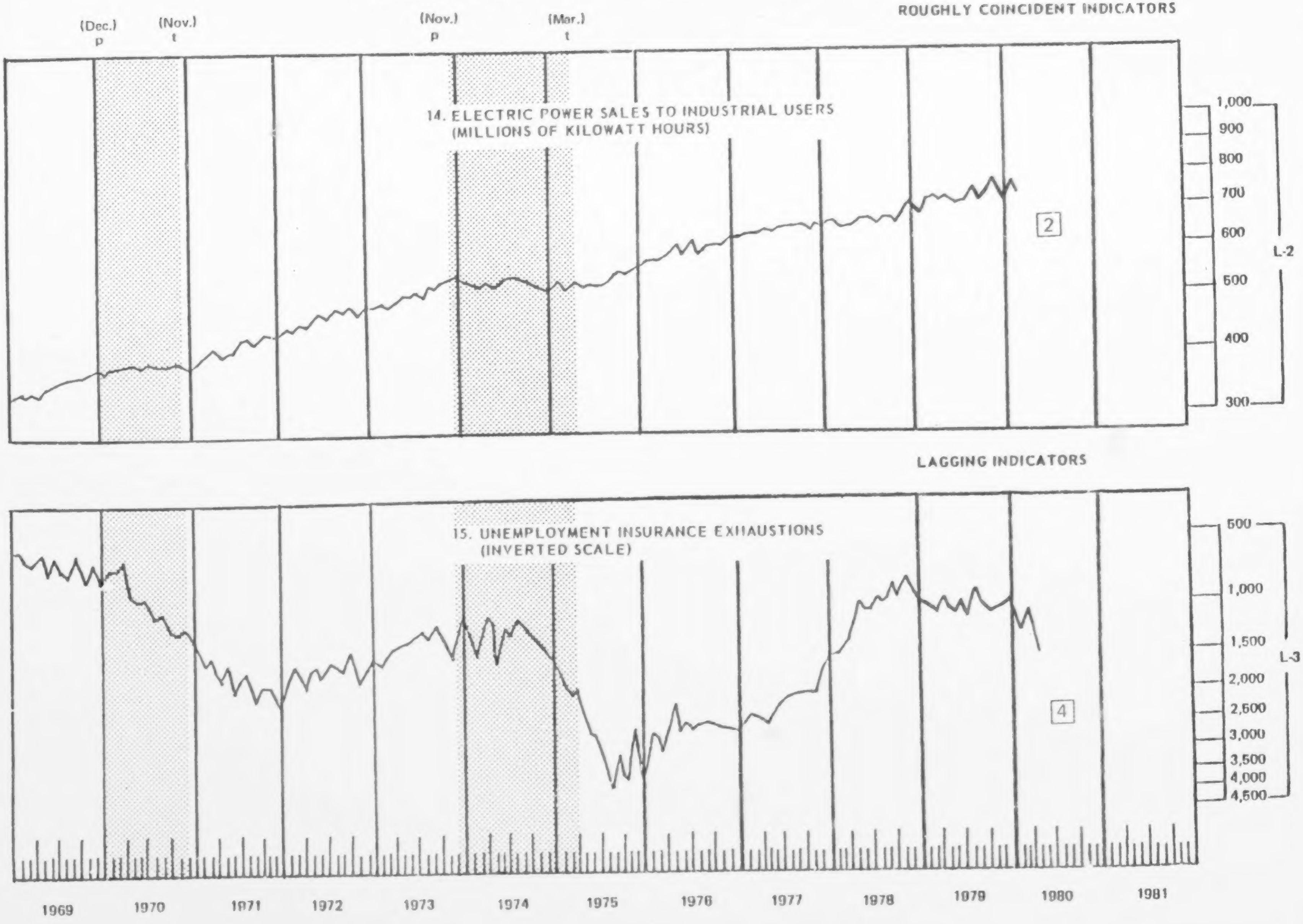

LEADING INDICATORS

	1		2		3		4		5		6	
Date	Average Workweek Manufacturing Production Workers		Job Openings Received Nonagricultural		Job Placements Nonagricultural		Initial Claims Average Weekly		Construction Contracts Total Value		New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1979												
Jan.	40.3	40.3	12,206	16,517	10,707	14,372	4,086	2,541	116,523	141,928	313	370
Feb.	40.3	40.5	12,317	16,645	10,599	14,170	3,086	2,663	169,824	183,594	576	502
Mar.	40.4	40.5	15,825	15,653	14,797	13,946	2,000	2,105	175,097	142,124	637	596
Apr.	39.9	40.4	16,179	15,512	14,472	14,272	2,313	2,382	137,099	119,010	476	461
May	40.4	40.6	17,781	16,343	15,781	15,351	2,012	2,251	171,483	152,159	398	375
Jun.	40.3	40.3	22,003	17,150	19,305	14,570	1,907	2,128	178,468	170,620	439	443
Jul.	40.5	40.6	18,750	17,297	16,142	14,675	2,194	2,227	143,658	130,955	472	476
Aug.	40.4	40.3	19,620	15,810	17,430	14,287	1,894	2,233	151,637	155,685	376	324
Sep.	40.7	40.4	16,470	14,732	14,284	13,081	1,777	2,281	143,087	142,801	476	523
Oct.	40.4	40.5	17,987	15,709	15,933	14,239	2,050	2,214	145,499	156,282	412	474
Nov.	40.5	40.1	14,634	19,357	12,792	16,213	2,314	2,462	124,316	137,823	367	378
Dec.	41.3	40.8	11,279	15,039	9,812	12,911	2,542	2,433	133,305	169,169	563	600
1980												
Jan.	40.3	40.3	13,036	17,640	11,595	15,564	3,651	2,271	163,000	198,538	412	487
Feb.	40.0	40.2	12,856	17,373	10,614	14,190	2,420	2,088	149,400	161,514	400	348
Mar.	40.5	40.6	14,467	14,310	12,922	12,179	2,116	2,227	130,900	106,250		
Apr.	40.3*	40.8*	15,292	14,662	13,788	13,598	3,412	3,514	138,900	120,573		
May												
Jun.												
Jul.												
Aug.												
Sep.												
Oct.												
Nov.												
Dec.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7		8		9		10		11	
	Crude Oil Pipeline Runs, Average Daily Barrels		Nonagricultural Wage and Salary Employment		Unemployment Rate, Total		Insured Unemployment Rate Average Weekly		Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1979										
Jan.	369.8	390.1	1,047.8	1,061.6	4.2	3.9	1.8	1.5	147.9	149.5
Feb.	386.6	391.3	1,049.8	1,062.6	4.1	3.8	2.0	1.6	147.9	149.8
Mar.	410.5	401.7	1,068.3	1,074.7	3.4	3.4	1.6	1.3	150.4	151.9
Apr.	403.8	397.5	1,075.3	1,076.4	3.5	3.5	1.3	1.3	150.3	152.4
May	404.6	403.0	1,085.2	1,080.9	3.1	3.3	1.2	1.2	152.7	154.1
Jun.	405.5	403.1	1,095.8	1,089.3	3.5	3.3	1.2	1.3	153.7	152.6
Jul.	391.9	393.4	1,094.7	1,098.0	3.5	3.3	1.3	1.4	153.8	154.4
Aug.	404.8	397.7	1,099.9	1,098.8	3.1	3.1	1.2	1.3	154.8	154.5
Sep.	396.8	395.2	1,108.1	1,101.5	3.2	3.3	1.1	1.4	155.5	154.7
Oct.	402.4	400.8	1,110.6	1,104.0	3.1	3.3	1.1	1.4	155.5	154.6
Nov.	399.4	401.8	1,116.2	1,110.6	3.3	3.4	1.3	1.5	158.7	155.4
Dec.	379.4	379.0	1,122.1	1,113.2	3.5	3.7	1.5	1.4	163.5	160.1
1980										
Jan.	363.7	383.7	1,104.3	1,118.8	3.7	3.5	1.8	1.5	159.6	161.4
Feb.	383.7	388.4	1,106.9	1,120.3	3.5	3.2	1.9	1.5	157.9	160.0
Mar.	379.6	371.4	1,120.0	1,126.8	3.3	3.3	1.7	1.4	159.4	161.0
Apr.	406.8	400.4	1,128.4*	1,129.5*	3.7*	3.8*	1.7	1.7	158.3*	160.5*
May										
Jun.										
Jul.										
Aug.										
Sep.										
Oct.										
Nov.										
Dec.										

* *Preliminary Data*

	ROUGHLY COINCIDENT INDICATORS						LAGGING INDICATORS	
	12		13		14		15	
	Personal Income		Sales Tax Collections		Electrical Power Sales to Industrial Users		Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)		(Missions of Kilowatt Hours)		(Number)	
1979								
Jan.	1,768	1,799	18,048	19,427	684	696	1,125	1,017
Feb.	1,785	1,818	19,683	21,797	701	714	1,113	1,086
Mar.	1,820	1,838	19,856	21,583	695	725	1,077	1,005
Apr.	1,835	1,854	22,804	23,175	718	716	1,095	1,075
May	1,859	1,865	22,649	22,559	718	724	1,257	1,100
Jun.	1,899	1,873	23,084	22,698	713	705	1,012	1,019
Jul.	1,923	1,904	24,396	23,755	732	719	1,192	1,210
Aug.	1,954	1,944	24,204	23,318	759	731	1,013	934
Sep.	1,971	1,951	22,728	22,261	753	719	802	966
Oct.	1,995	1,985	24,968	25,297	730	730	965	1,093
Nov.	2,060	1,985	23,340	23,600	748	752	901	969
Dec.	2,148	2,048	30,334	25,729	700	720	849	917
1980								
Jan.	2,227	2,266	23,221	24,996	728	742	1,384	1,251
Feb.	2,242	2,283	22,936	25,400	710	722	1,200	1,171
Mar.			24,219	26,325			1,280	1,194
Apr.							1,457	1,430
May								
Jun.								
Jul.								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								

* Preliminary Data

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

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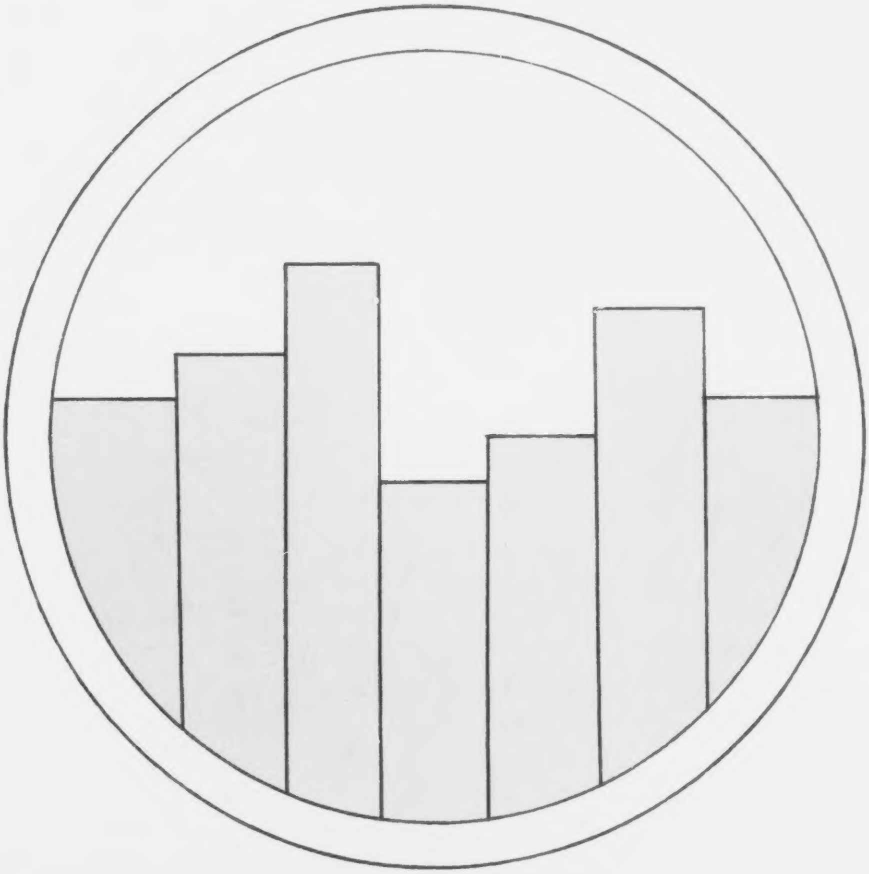
Issue

OKLAHOMA ECONOMIC INDICATORS

June 1980



JOB
SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

GEORGE NIGH, Governor
STATE OF OKLAHOMA

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE

Affiliated With the

UNITED STATES EMPLOYMENT AND TRAINING ADMINISTRATION

John Ray Green, *Chairman*

Representing Employers	*Representing Employees*
George Ollie, Jr.	**Charles M. (Mike) Nobles**
Roy Kendrick	**Clyde Smith**

Bryce A. Baggett
Executive Director

The following is a list of public employment offices of the Oklahoma State Employment Service:

LOCATION	MANAGER
ADA 1628 East Beverly Drive	Charles R. Null
ALTUS 312 West Cypress	Julio Beltran
ARDMORE 201 "A" Street, S. W.	Lee Roy Hatfield
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SHAWNEE 127 North Park	Ann Higley
STILLWATER 730 South Western	Terry Coleman
TAHLEQUAH 1611 South Muskogee	Gary Harrington
TULSA	
818 South Boston	Gene Hunter
3105 East Skelly Drive	Peggy Phillips
11322B East 21st Street	Richard Robey
567 E. 36th St., North	Vacie Deal
401-J East Broadway Sand Springs	Rex Terrill
WOODWARD 1106 Texas Avenue	Kenneth Alexander

3-80

OKLAHOMA ECONOMIC INDICATORS

"**Oklahoma Economic Indicators**" is published monthly by the Oklahoma Employment Security Commission - Research and Planning - under the supervision of **Bill Hunter**. The compilation, analysis and narrative description of data is provided by **Roger Jacks**. Copies are available at no cost upon request. For additional information, please write or call: Oklahoma Employment Security Commission, Research and Planning, 310 Will Rogers Memorial Office Building, Oklahoma City, Oklahoma 73105. AC 405-521-3735.

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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, BRANCH MANAGER

OKLAHOMA ECONOMIC INDICATORS

June 1980

The effect of National downturns are beginning to be felt by Oklahoma's economy during this report month as only four of the seasonally adjusted series advanced and eleven declined from month-ago readings. Although most sectors of the economy in Oklahoma continued to move unsteadily in recent months, the overall state economy is attempting to remain afloat as evidenced by the large number of indicators that have recorded above year-ago readings. The current condition of Oklahoma's economy appears to be much better than that of the nation. However, nationwide pressures are beginning to affect many of the series and are beginning to create an economic slowdown in the state. This downturn of Oklahoma's economy should not be as severe as most other states.

Labor Market

The labor market lost momentum during May as only one of the indicators increased and eight decreased from one month earlier. Non-agricultural wage and salary employment declined slightly (seasonally adjusted) for the first time since February 1978. Economic optimism on the part of industry in the state seems to have disappeared, at least temporarily. In addition, non-agricultural job openings and job placements declined during May. The labor market exhibited major uncertainties during the month but with additional support from the other sectors of the economy could regain a generally upward course. Few of the labor market series have recorded dramatic changes during the past few months, but nearly all levels were above the 1973-1975 recessionary period.

Business

The business sector exhibited more stability during the month as two of the indicators recorded gains and two registered losses. Electrical power sales to industrial users and average daily crude-oil pipeline runs rose slightly in comparison to recent months. Uncertainty on the part of business to step up long-term production in all areas seems to have returned.

Finance

The overall financial series was also more positive during May as seasonally adjusted personal income advanced and sales tax collections declined slightly. Apparently, consumers are continuing to spend an increasing share of their rising incomes on goods and services. The financial trends should improve and, hopefully, provide much needed support to other areas of the economy.

Introductory Notes

The techniques and format of this publication are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, "*Business Conditions Digest*," issued by the U. S. Department of Commerce. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide for Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ([5] = May).

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Dots indicate actual monthly data where a moving average is plotted.

Parellel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.) of a series.

Four items pertaining to unemployment (series 4, 9, 10 and 15) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

CHANGE FROM PREVIOUS MONTH AND YEAR [1/]

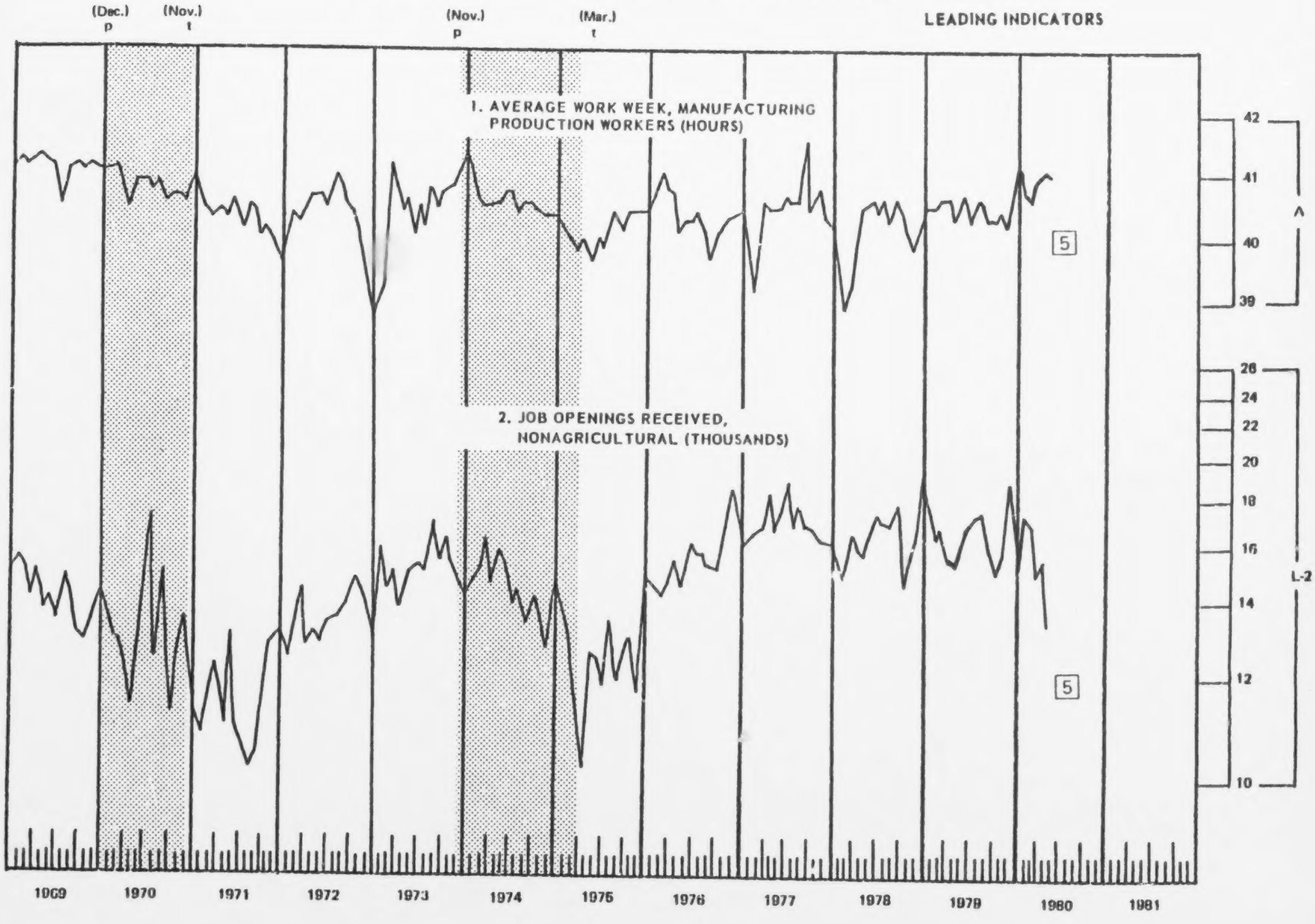
INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	May	40.2*	40.4*	40.7	40.6	- 0.7	- 0.5
2. Job Openings Received, Nonag. . .	Number	May	14,417	13,251	14,662	16,343	- 9.6	- 18.9
3. Job Placements, Nonag.	Number	May	13,010	12,656	13,598	15,351	- 6.9	- 17.6
4. Initial Claims, Average Weekly . .	Number	May	3,406	3,810	3,514	2,251	8.4	69.3
5. Construction Contracts	Thou. Dollars	May	123,600	109,672	120,573	152,159	- 9.0	- 27.9
6. New Business Incorporations . . .	Number	March	348	325	348	596	- 6.6	- 45.5
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	May	407.6	406.0	400.4	403.0	1.4	0.7
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	May	1,133.4*	1,128.9*	1,129.7	1,080.9	- 0.1	4.4
9. Unemployment Rate, Total . . .	Percent	May	4.1*	4.3*	3.8	3.3	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	May	1.7	1.8	1.7	1.2	xxx	xxx
11. Man-Hour Index	1967 = 100	May	156.3*	157.7*	160.0	154.1	- 1.4	2.3
12. Personal Income	Million Dollars	March	2,290	2,313	2,283	1,838	1.3	25.8
13. Sales Tax Collections	Thou. Dollars	April	25,697	26,115	26,325	23,175	- 0.8	12.7
14. Electrical Power Sales to Industrial Users	Million KWH	March	702	732	722	725	1.4	1.0
LAGGING INDICATORS								
15. Exhaustions, Unemployment Ins.	Number	May	1,501	1,313	1,430	1,100	- 8.2	19.4

[1/] *For historical data see pages 11-13.*

* *Preliminary Data.*

OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



OKLAHOMA ECONOMIC INDICATORS

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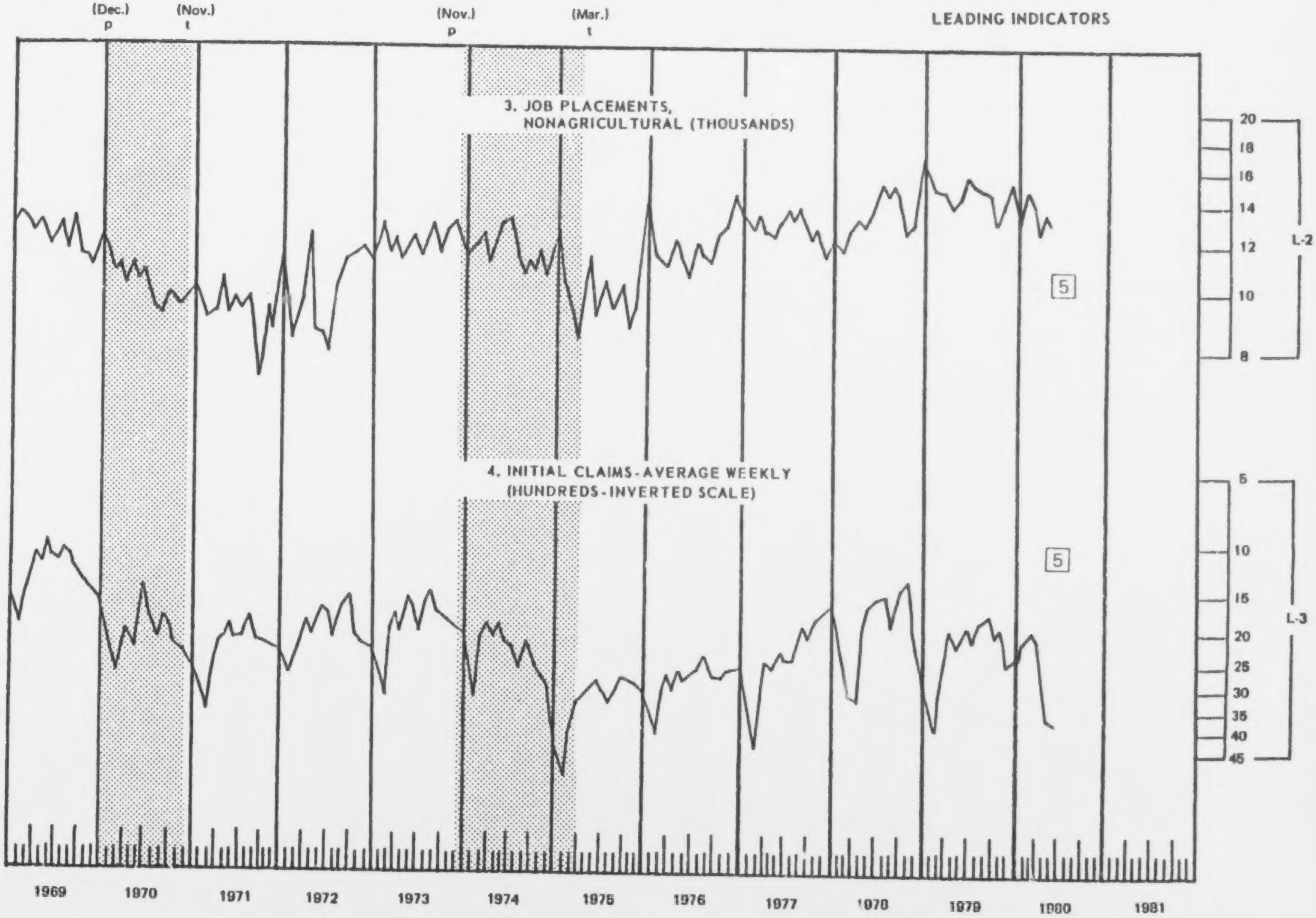

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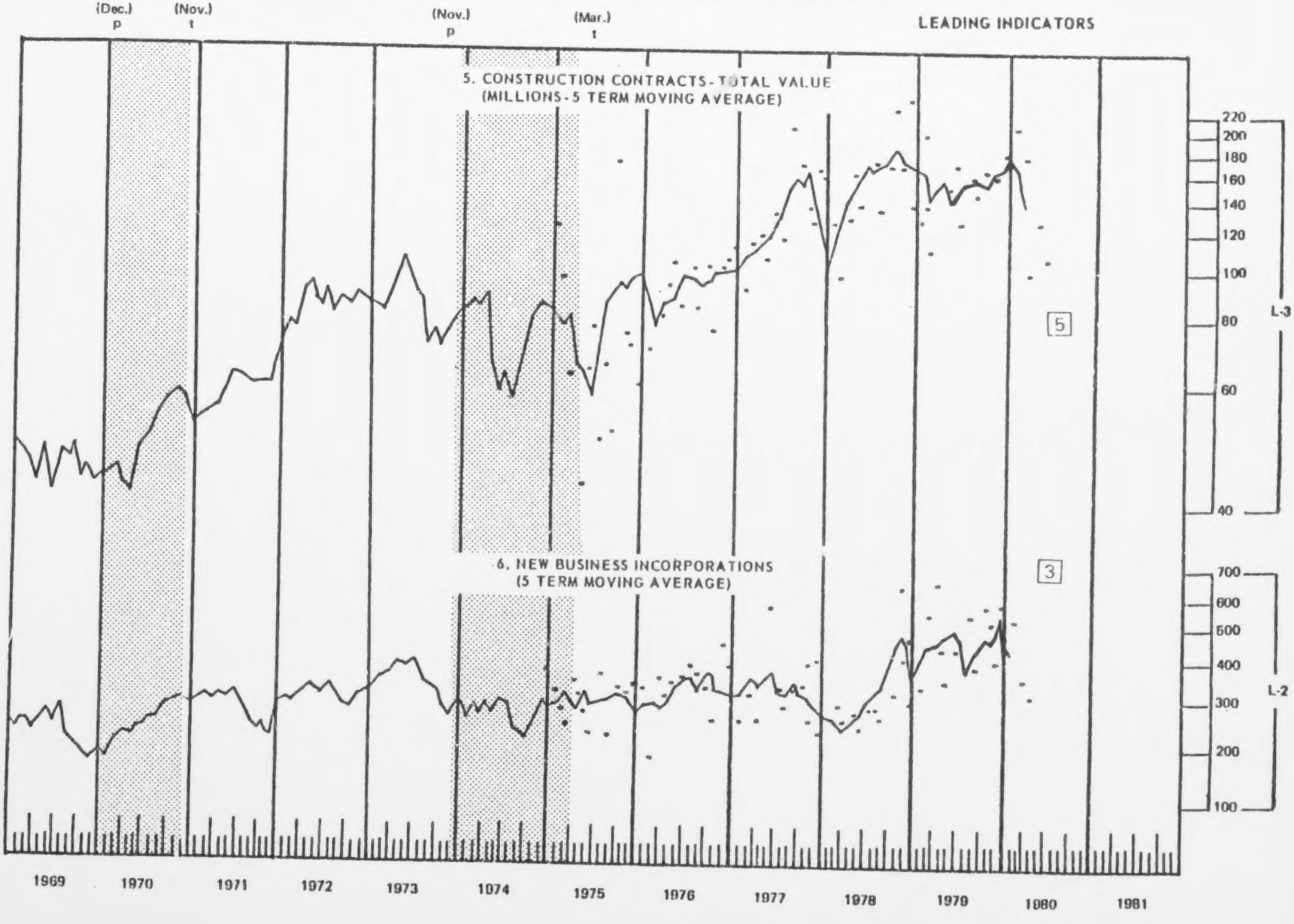

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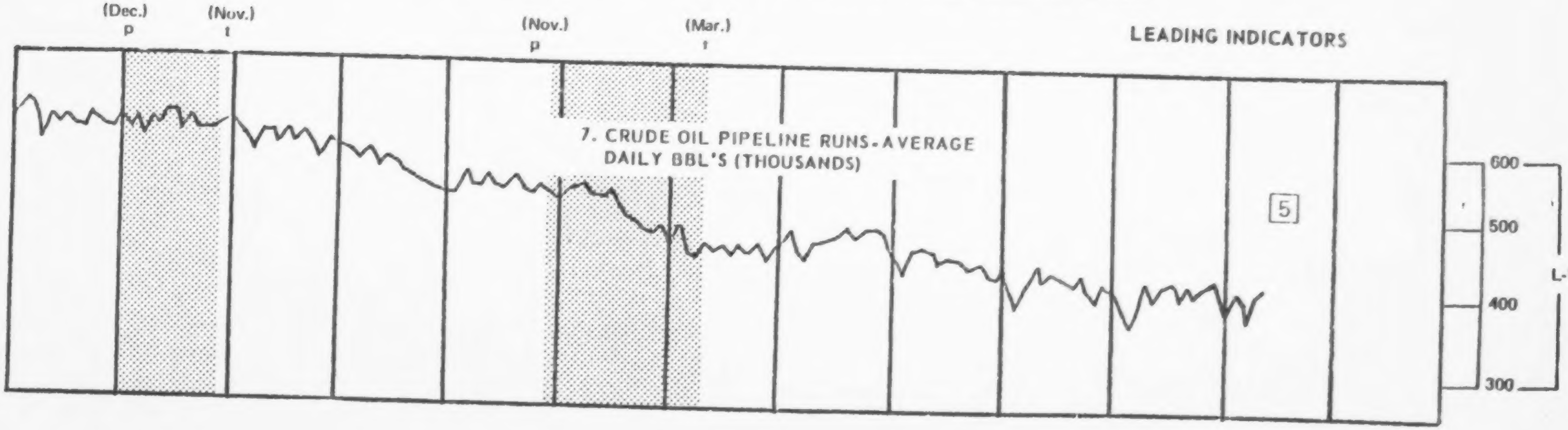
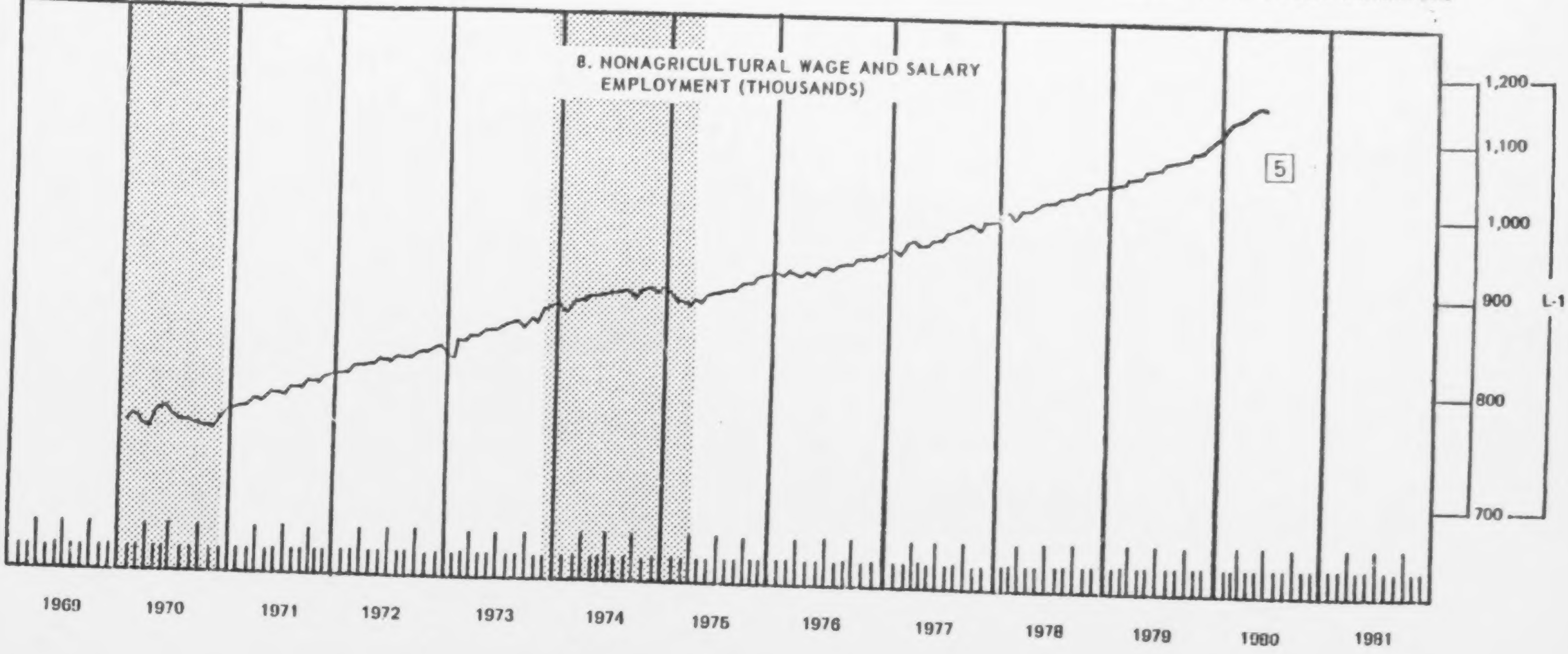


ROUGHLY COINCIDENT INDICATORS



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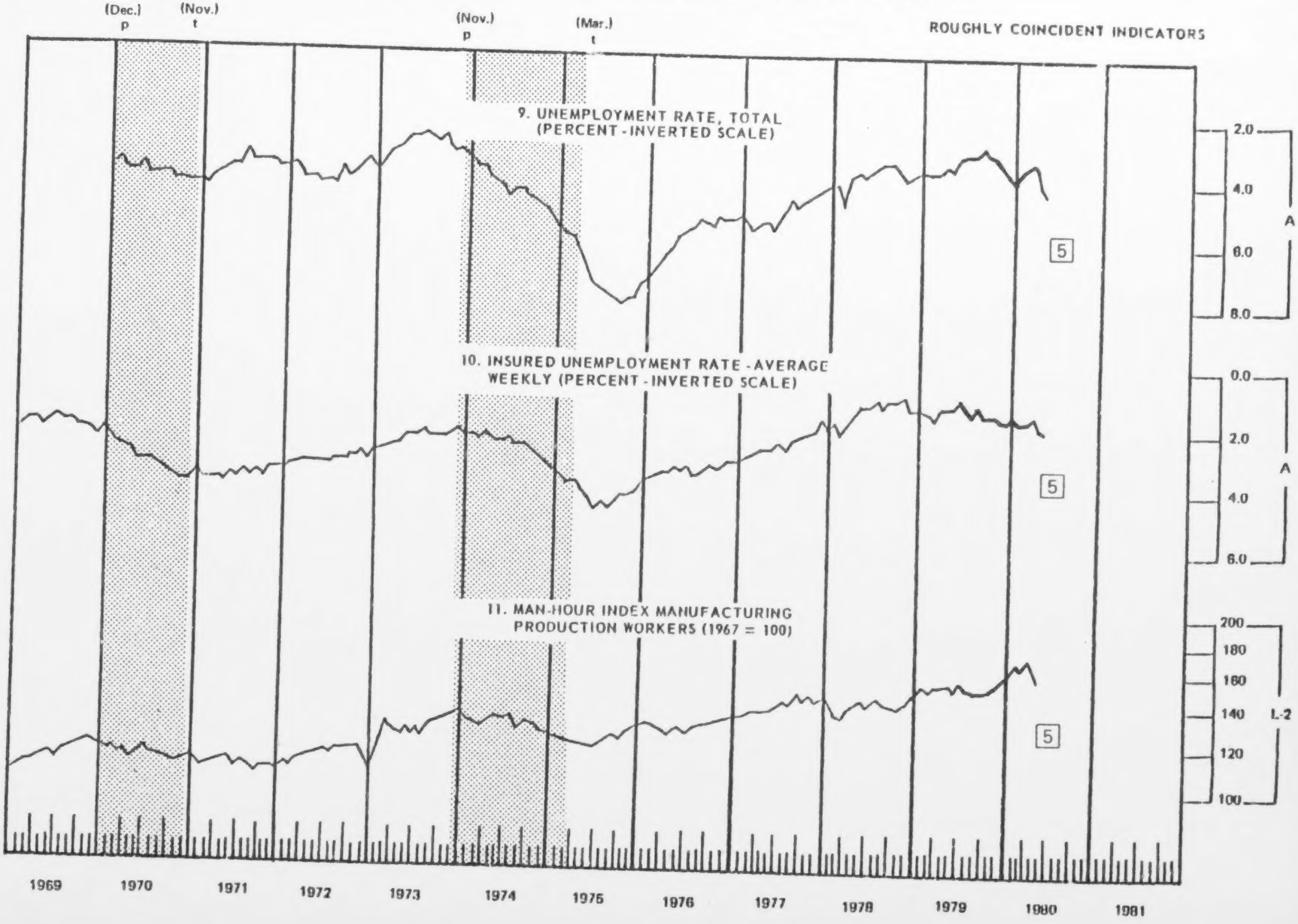

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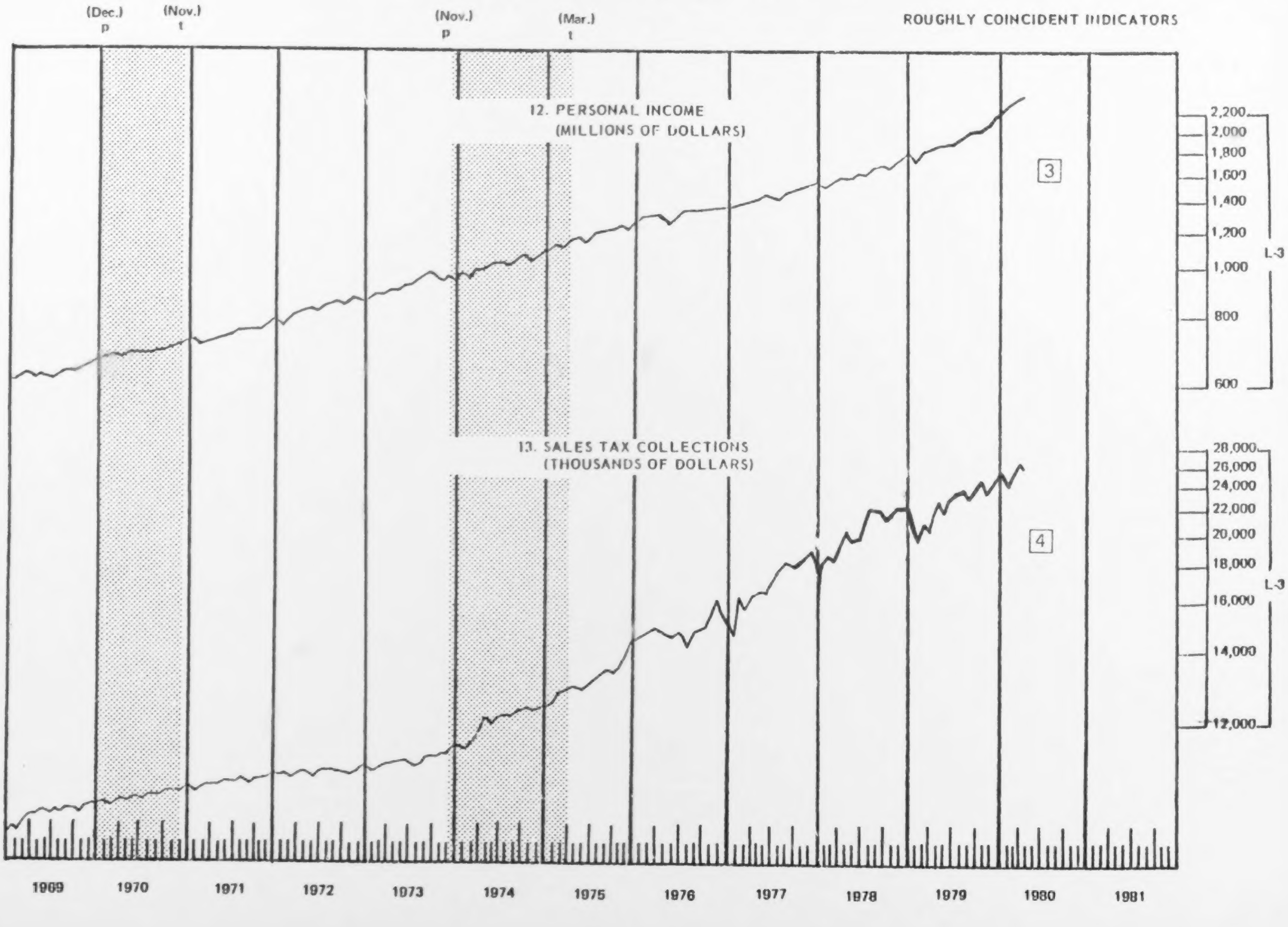
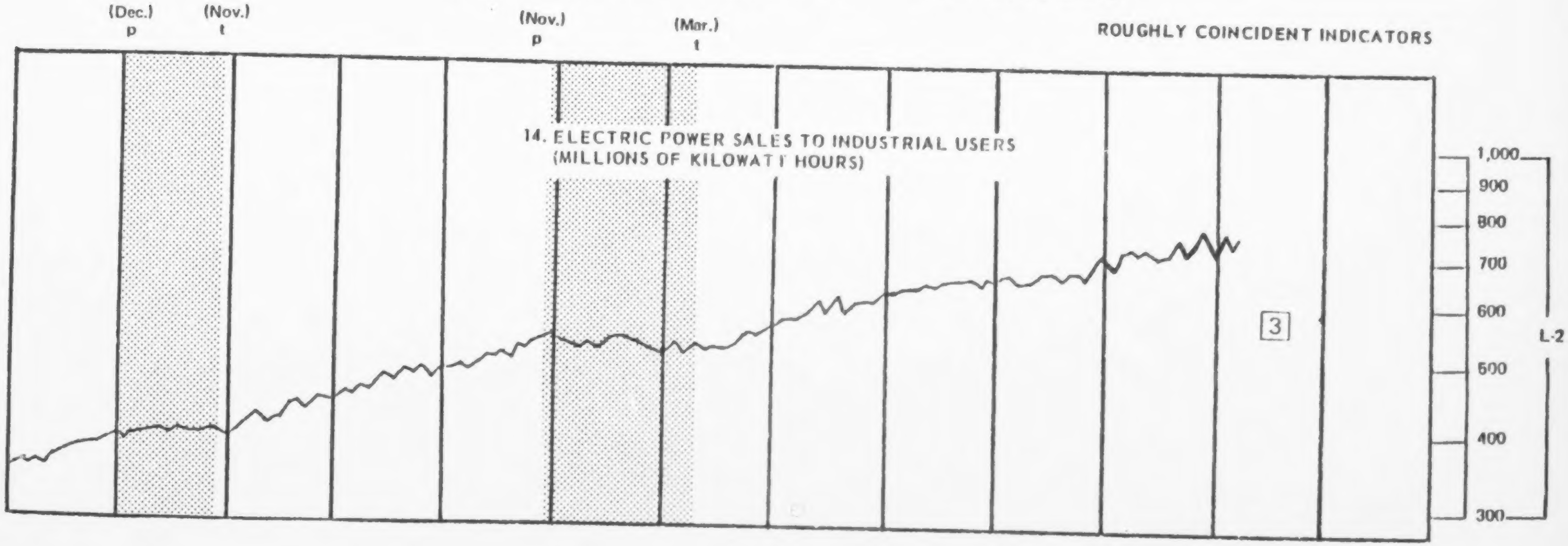
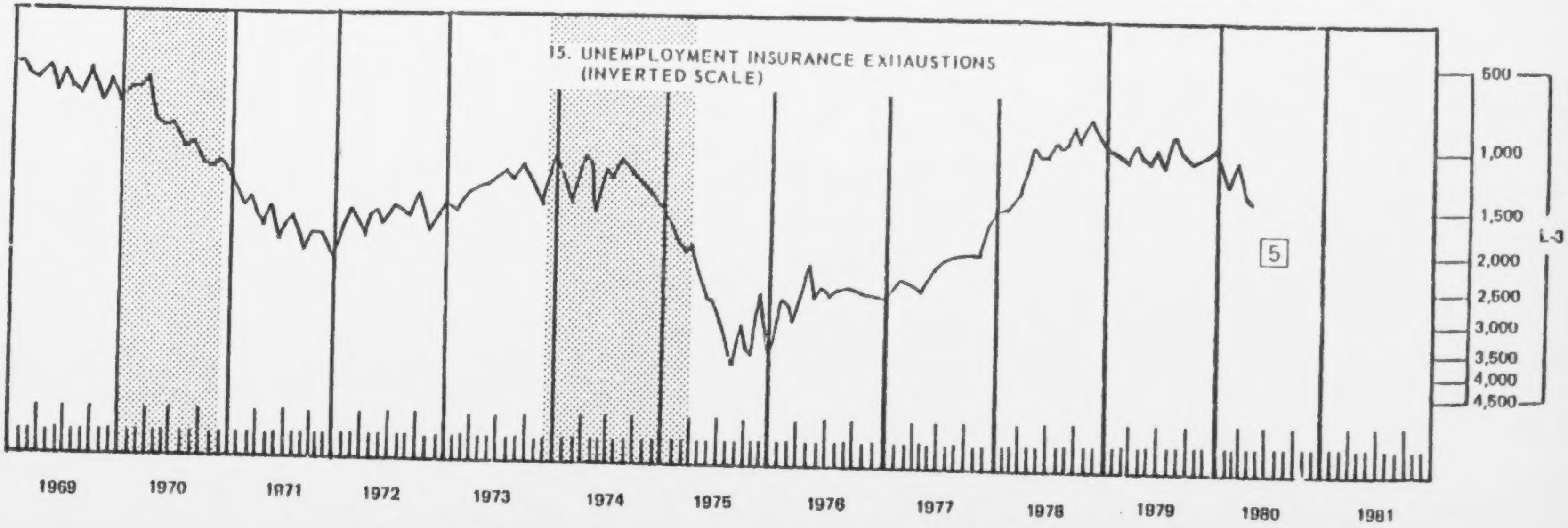


OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS


14. ELECTRIC POWER SALES TO INDUSTRIAL USERS (MILLIONS OF KILOWATT HOURS)

LAGGING INDICATORS


15. UNEMPLOYMENT INSURANCE EXHAUSTIONS (INVERTED SCALE)

LEADING INDICATORS

Date	1 Average Workweek Manufacturing Production Workers		2 Job Openings Received Nonagricultural		3 Job Placements Nonagricultural		4 Initial Claims Average Weekly		5 Construction Contracts Total Value		6 New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1979												
Jan.	40.3	40.3	12,206	16,517	10,707	14,372	4,086	2,541	116,523	141,928	313	370
Feb.	40.3	40.5	12,317	16,645	10,599	14,170	3,086	2,663	169,824	183,594	576	502
Mar.	40.4	40.5	15,825	15,653	14,797	13,946	2,000	2,105	175,097	142,124	637	596
Apr.	39.9	40.4	16,179	15,512	14,472	14,272	2,313	2,382	137,099	119,010	476	461
May	40.4	40.6	17,781	16,343	15,781	15,351	2,012	2,251	171,483	152,159	398	375
Jun.	40.3	40.3	22,003	17,150	19,305	14,570	1,907	2,128	178,468	170,620	439	443
Jul.	40.5	40.6	18,750	17,297	16,142	14,675	2,194	2,227	143,658	130,955	472	476
Aug.	40.4	40.3	19,620	15,810	17,430	14,287	1,894	2,233	151,637	155,685	376	324
Sep.	40.7	40.4	16,470	14,732	14,284	13,081	1,777	2,281	143,087	142,801	476	523
Oct.	40.4	40.5	17,987	15,709	15,933	14,239	2,050	2,214	145,499	156,282	412	474
Nov.	40.5	40.1	14,634	19,357	12,792	16,213	2,314	2,462	124,316	137,823	367	378
Dec.	41.3	40.8	11,279	15,039	9,812	12,911	2,542	2,433	133,305	169,169	563	600
1980												
Jan.	40.3	40.3	13,036	17,640	11,595	15,564	3,651	2,271	163,000	198,538	412	487
Feb.	40.0	40.2	12,856	17,373	10,614	14,190	2,420	2,088	149,400	161,514	400	348
Mar.	40.5	40.6	14,467	14,310	12,922	12,179	2,116	2,227	130,900	106,250	348	325
Apr.	40.2	40.7	15,292	14,662	13,788	13,598	3,412	3,514	138,900	120,573		
May	40.2*	40.4*	14,417	13,251	13,010	12,656	3,406	3,810	123,600	109,672		
Jun.												
Jul.												
Aug.												
Sep.												
Oct.												
Nov.												
Dec.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7		8		9		10		11	
	Crude Oil Pipeline Runs, Average Daily Barrels		Nonagricultural Wage and Salary Employment		Unemployment Rate, Total		Insured Unemployment Rate Average Weekly		Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1979										
Jan.	369.8	390.1	1,047.8	1,061.6	4.2	3.9	1.8	1.5	147.9	149.5
Feb.	386.6	391.3	1,049.8	1,062.6	4.1	3.8	2.0	1.6	147.9	149.8
Mar.	410.5	401.7	1,068.3	1,074.7	3.4	3.4	1.6	1.3	150.4	151.9
Apr.	403.8	397.5	1,075.3	1,076.4	3.5	3.5	1.3	1.3	150.3	152.4
May	404.6	403.0	1,085.2	1,080.9	3.1	3.3	1.2	1.2	152.7	154.1
Jun.	405.5	403.1	1,095.8	1,089.3	3.5	3.3	1.2	1.3	153.7	152.6
Jul.	391.9	393.4	1,094.7	1,098.0	3.5	3.3	1.3	1.4	153.8	154.4
Aug.	404.8	397.7	1,099.9	1,098.8	3.1	3.1	1.2	1.3	154.8	154.5
Sep.	396.8	395.2	1,108.1	1,101.5	3.2	3.3	1.1	1.4	155.5	154.7
Oct.	402.4	400.8	1,110.6	1,104.0	3.1	3.3	1.1	1.4	155.5	154.6
Nov.	399.4	401.8	1,116.2	1,110.6	3.3	3.4	1.3	1.5	158.7	155.4
Dec.	379.4	379.0	1,122.1	1,113.2	3.5	3.7	1.5	1.4	163.5	160.1
1980										
Jan.	363.7	383.7	1,104.3	1,118.8	3.7	3.5	1.8	1.5	159.6	161.4
Feb.	383.7	388.4	1,106.9	1,120.3	3.5	3.2	1.9	1.5	157.9	160.0
Mar.	379.6	371.4	1,120.0	1,126.8	3.3	3.3	1.7	1.4	159.4	161.0
Apr.	406.8	400.4	1,128.6	1,129.7	3.7	3.8	1.7	1.7	157.8	160.0
May	407.6	406.0	1,133.4*	1,128.7*	4.1*	4.3*	1.7	1.8	156.3*	157.7*
Jun.										
Jul.										
Aug.										
Sep.										
Oct.										
Nov.										
Dec.										

** Preliminary Data*

	ROUGHLY COINCIDENT INDICATORS						LAGGING INDICATORS	
	12		13		14		15	
	Personal Income		Sales Tax Collections		Electrical Power Sales to Industrial Users		Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)		(Missions of Kilowatt Hours)		(Number)	
1979								
Jan.	1,768	1,799	18,048	19,427	684	696	1,125	1,017
Feb.	1,785	1,818	19,683	21,797	701	714	1,113	1,086
Mar.	1,820	1,838	19,856	21,583	695	725	1,077	1,005
Apr.	1,835	1,854	22,804	23,175	718	716	1,095	1,075
May	1,859	1,865	22,649	22,559	718	724	1,257	1,100
Jun.	1,899	1,873	23,084	22,698	713	705	1,012	1,019
Jul.	1,923	1,904	24,396	23,755	732	719	1,192	1,210
Aug.	1,954	1,944	24,204	23,318	759	731	1,013	934
Sep.	1,971	1,951	22,728	22,261	753	719	802	966
Oct.	1,995	1,985	24,968	25,297	730	730	965	1,093
Nov.	2,060	1,985	23,340	23,600	748	752	901	969
Dec.	2,148	2,048	30,334	25,729	700	720	849	917
1980								
Jan.	2,227	2,266	23,221	24,996	728	742	1,384	1,251
Feb.	2,242	2,283	22,936	25,400	710	722	1,200	1,171
Mar.	2,290	2,313	24,219	26,325	702	732	1,280	1,194
Apr.			25,697	26,115			1,457	1,430
May							1,501	1,313
Jun.								
Jul.								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								

* Preliminary Data

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Productions Workers.** Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. **Source: Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural.** Nonagricultural job openings placed by employers with the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial claims for unemployment insurance benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. **Source: Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total dollar value of contracts awarded for combined residential and nonresidential building in Oklahoma. Non-building contracts are not included. **Source: F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. **Source: Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. **Source: Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** All wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. **Source: Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Percent of persons estimated to be unemployed in Oklahoma based on methods prescribed by U. S. Department of Labor. **Source: Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers covered by unemployment insurance for the most recent available 12 month period. **Source: Oklahoma Employment Security Commission.**

11. **Man-Hour Index.** Total hours worked by manufacturing production workers in Oklahoma in relation to the base period of 1967=100 percent. **Source: Oklahoma Employment Security Commission.**

12. **Personal Income.** Current income received by individuals in Oklahoma from all sources. **Source: Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two percent sales tax collections for report month relate to month of actual sales. City sales taxes are not included. **Source: Oklahoma Tax Commission.**

14. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. **Source: Edison Electric Institute.**

Lagging Indicators

15. **Unemployment Insurance Exhaustions.** Number of unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. **Source: Oklahoma Employment Security Commission.**

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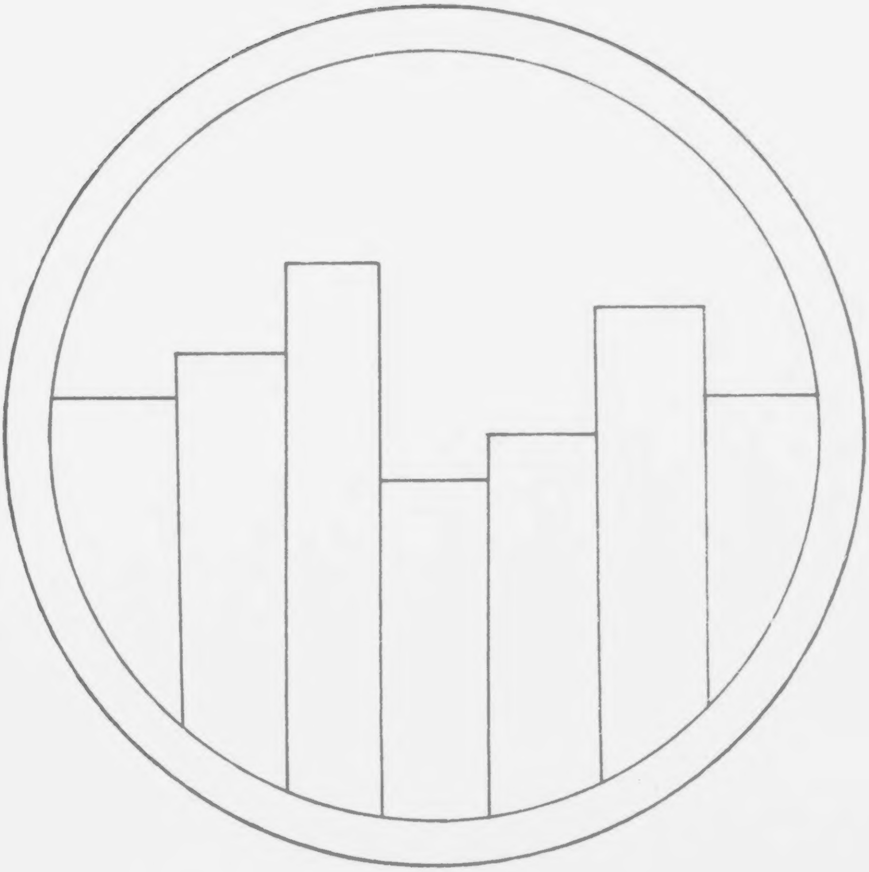
OKLAHOMA ECONOMIC INDICATORS

July 1980



JOB SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

GEORGE NIGH, Governor
STATE OF OKLAHOMA

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3-80

OKLAHOMA ECONOMIC INDICATORS

"Oklahoma Economic Indicators" is published monthly by the Oklahoma Employment Security Commission - Research and Planning - under the supervision of **Bill Hunter**. The compilation, analysis and narrative description of data is provided by **Roger Jacks**. Copies are available at no cost upon request. For additional information, please write or call: Oklahoma Employment Security Commission, Research and Planning, 310 Will Rogers Memorial Office Building, Oklahoma City, Oklahoma 73105. AC 405-521-3735.

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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, BRANCH MANAGER

OKLAHOMA ECONOMIC INDICATORS

July 1980

The effect of National economic conditions continued to be felt in Oklahoma during this report month as five of the seasonally adjusted series advanced and eight declined from month-ago readings. Current data for new business incorporations and personal income were not available at the time of this release. Most individual sectors of the economy in Oklahoma have moved unsteadily in recent months, while the overall state economy is attempting to remain afloat as evidenced by the large number of indicators that have recorded above year-ago readings. The current condition of Oklahoma's economy continues to be much better than that of the nation. However, nationwide pressures have affected many of the series and an economic slowdown is evident throughout the state. This downturn of Oklahoma's economy should not be as severe nor as lengthy as in most states.

Labor Market

The labor market attempted to stabilize during June as four of the indicators increased and five decreased from one month earlier. Non-adgricultural wage and salary employment increased slightly (seasonally adjusted) and the total unemployment rate declined (favorable movement). However, economic skepticism on the part of industry in the state seems to be rising. The labor market exhibited major uncertainties during the month but with additional support from the other sectors of the economy could regain a generally upward course. Few of the labor market series have recorded dramatic changes during the past few months, but nearly all levels were above the 1973-1975 recessionary period.

Business

The business sector exhibited less stability during the month as only one of the indicators recorded a gain and two registered losses. Electrical power sales to industrial users and average daily crude-oil pipeline runs declined slightly in comparison to recent months. Uncertainty on the part of business to step up long-term production in all areas seems to have returned.

Finance

The overall financial series was also less certain during June as seasonally adjusted sales tax collections declined slightly. Apparently, consumers are beginning to curb spending in an effort to recoup losses from the increased cost of living. The financial trends should improve and, hopefully, provide much needed support to other areas of the economy.

Introductory Notes

The techniques and format of this publication are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, "*Business Conditions Digest*," issued by the U. S. Department of Commerce. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide for Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ([5] = May).

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Dots indicate actual monthly data where a moving average is plotted.

Parellel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.) of a series.

Four items pertaining to unemployment (series 4, 9, 10 and 15) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

CHANGE FROM PREVIOUS MONTH AND YEAR 1/

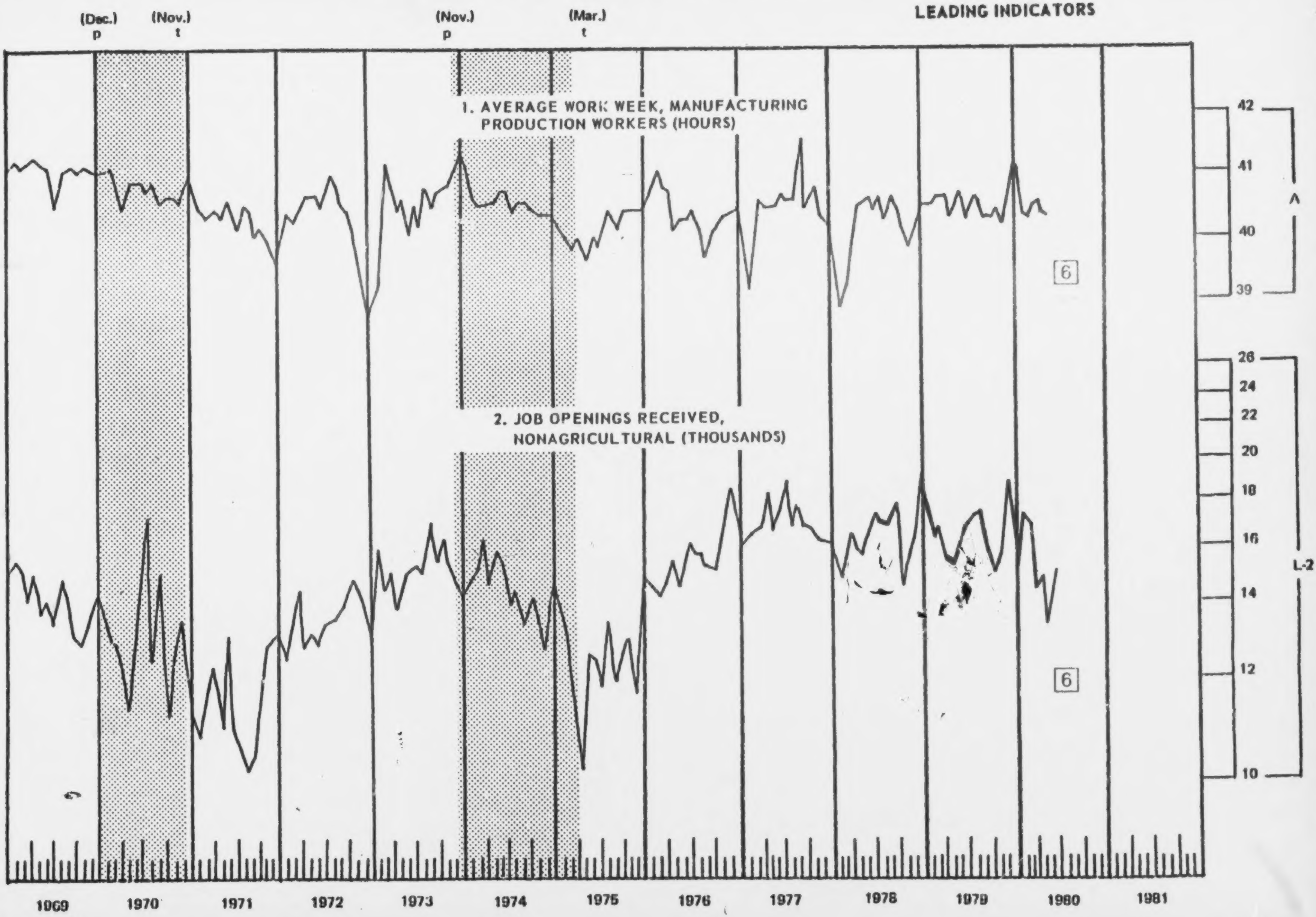
INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	June	40.2*	40.2*	40.3	40.3	- 0.2	- 0.2
2. Job Openings Received, Nonag. . .	Number	June	18,953	14,772	13,251	17,150	11.5	- 13.9
3. Job Placements, Nonag.	Number	June	16,083	12,138	12,656	14,570	- 4.1	- 16.7
4. Initial Claims, Average Weekly . .	Number	June	3,069	3,425	3,810	2,128	- 10.1	60.9
5. Construction Contracts	Thou. Dollars	June	195,700	187,094	109,672	170,720	70.6	9.7
6. New Business Incorporations . . .	Number							
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	June	399.3	396.9	406.0	403.1	- 2.2	- 1.5
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	June	1,137.9*	1,131.1*	1,129.5	1,089.3	0.1	3.8
9. Unemployment Rate, Total . . .	Percent	June	4.3*	4.1*	4.3	3.3	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	June	1.9	2.0	1.8	1.3	xxx	xxx
11. Man-Hour Index	1967 = 100	June	155.7*	154.6*	157.3	152.6	- 1.7	1.3
12. Personal Income	Million Dollars							
13. Sales Tax Collections	Thou. Dollars	May	25,090	24,990	26,115	22,559	- 4.3	10.8
14. Electrical Power Sales to Industrial Users	Million KWH	April	713	712	732	716	- 2.7	- 0.6
LAGGING INDICATORS								
15. Exhaustions, Unemployment Ins.	Number	June	1,497	1,508	1,313	1,019	14.9	48.0

1/ *For historical data see pages 11-13.*

* *Preliminary Data.*

OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



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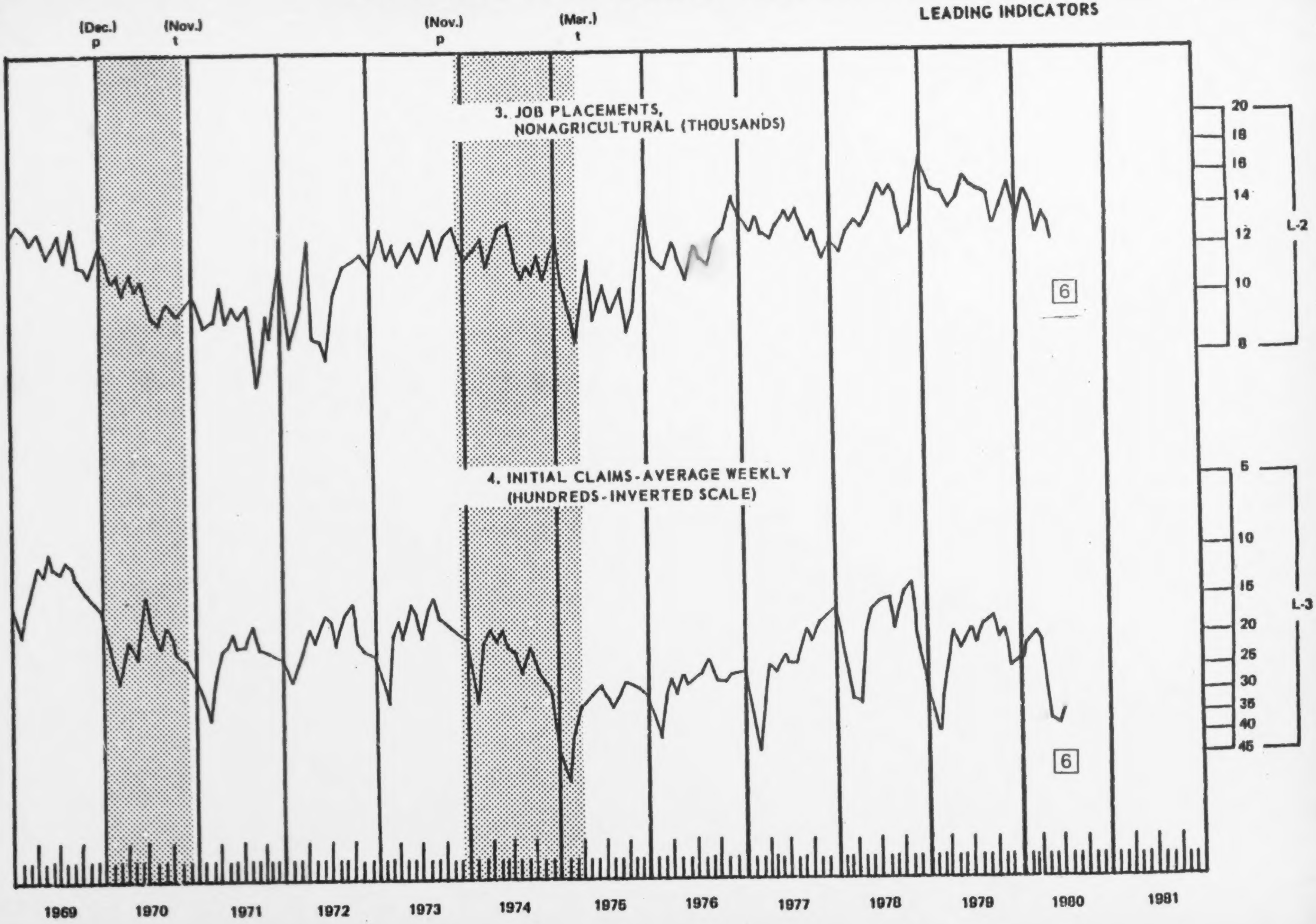
LEADING INDICATORS



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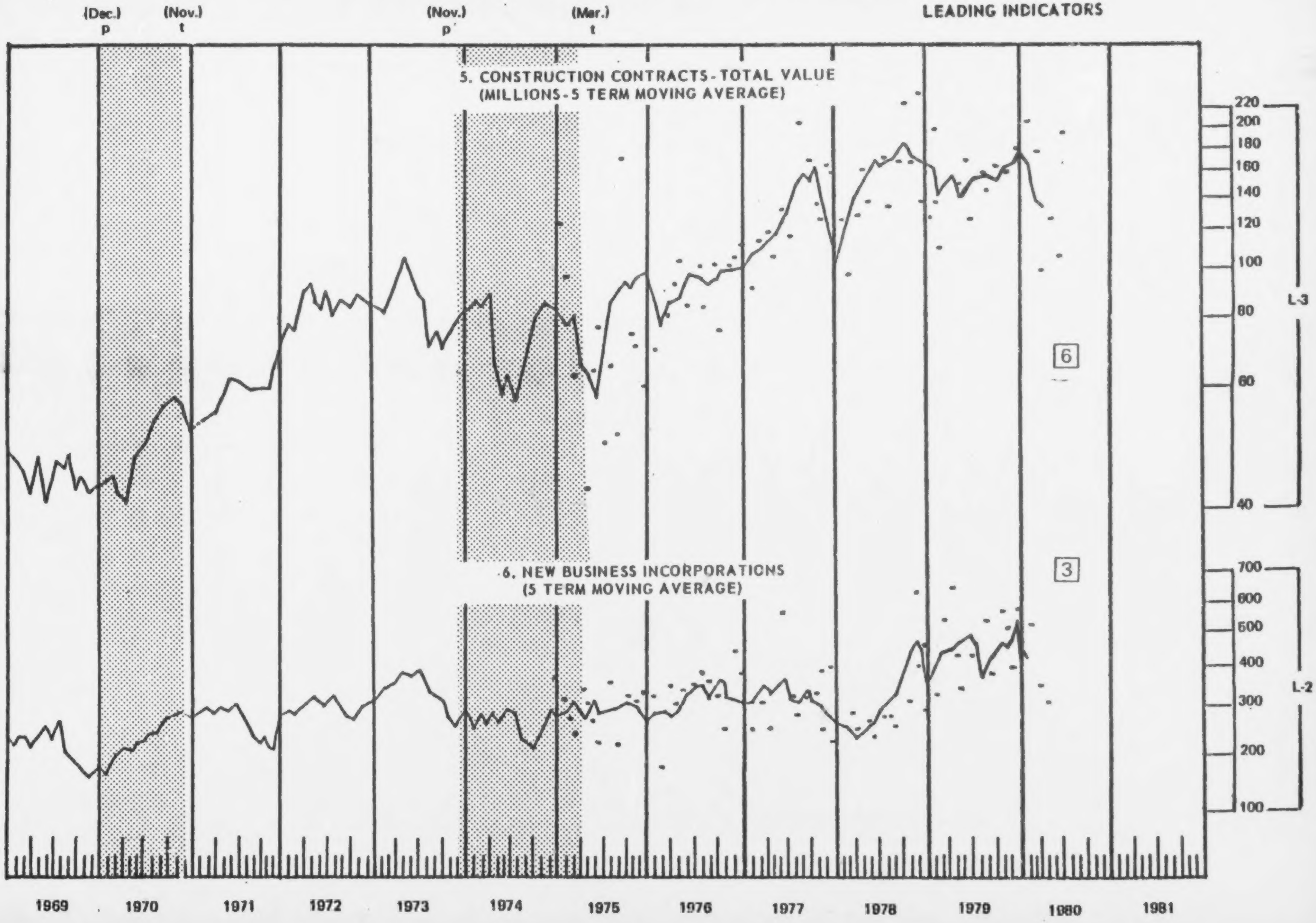

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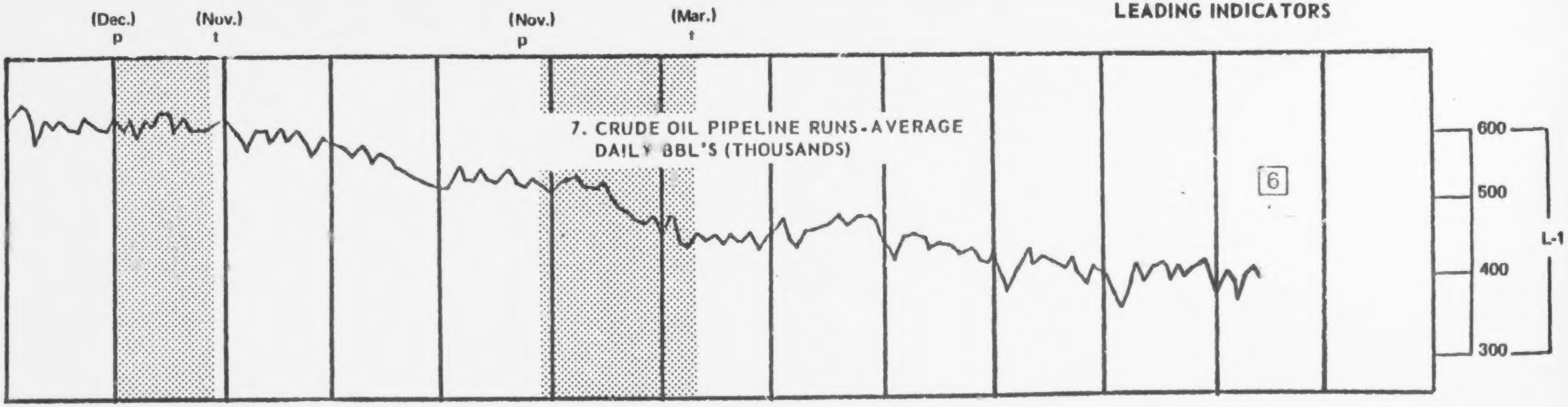
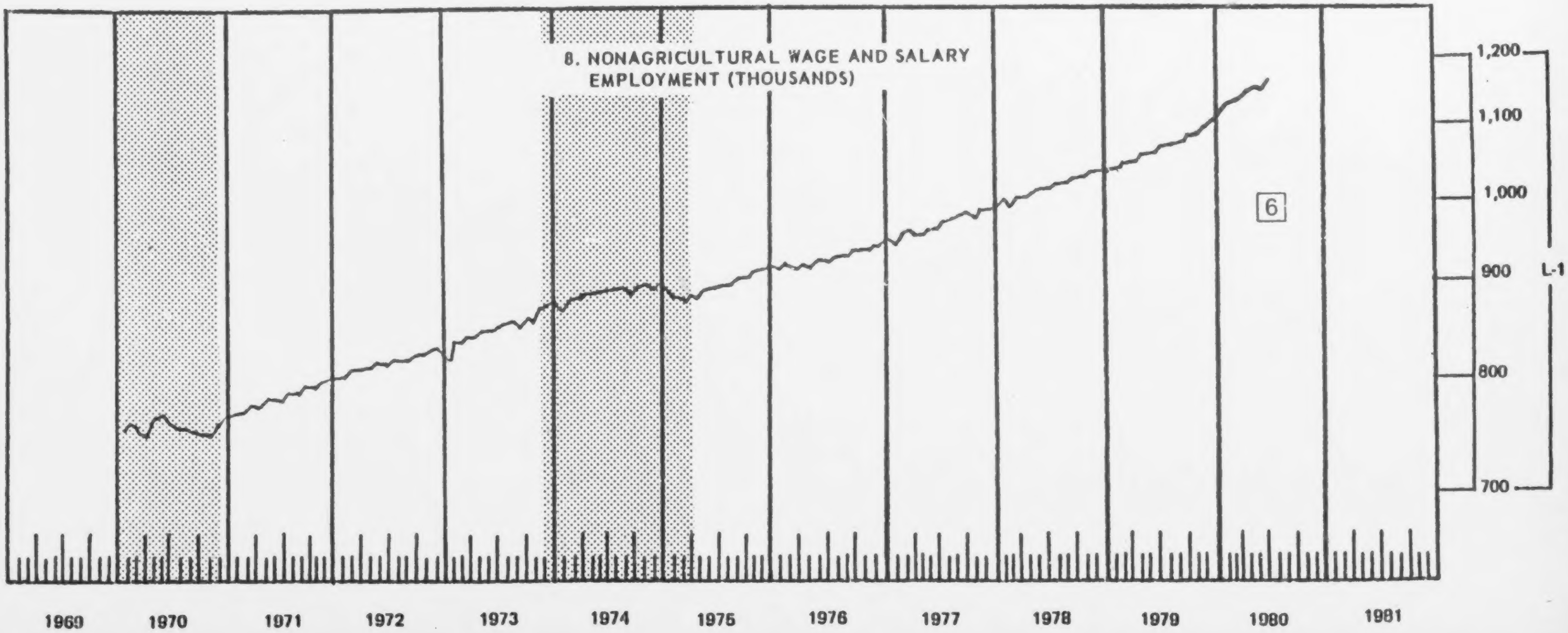


ROUGHLY COINCIDENT INDICATORS



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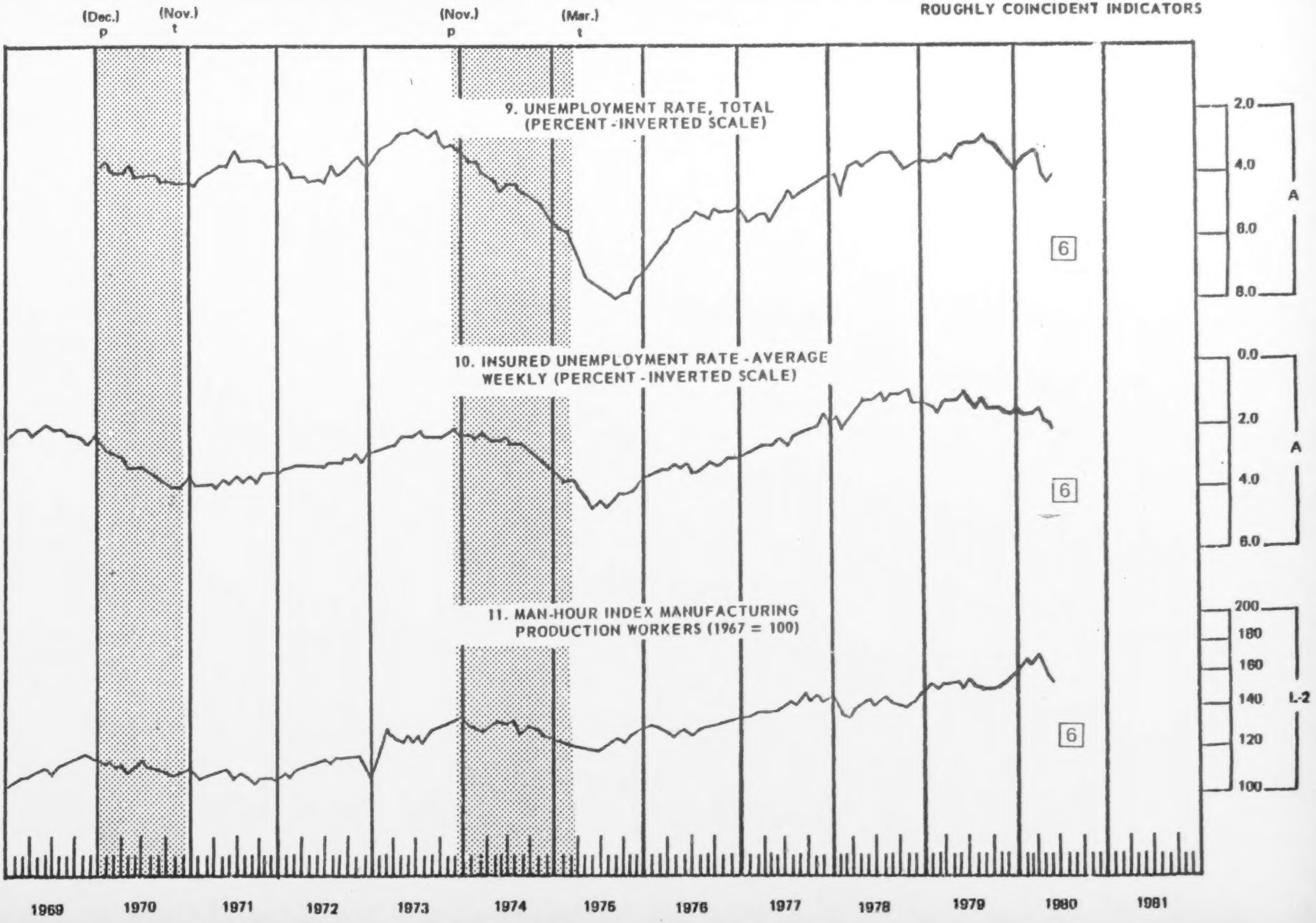

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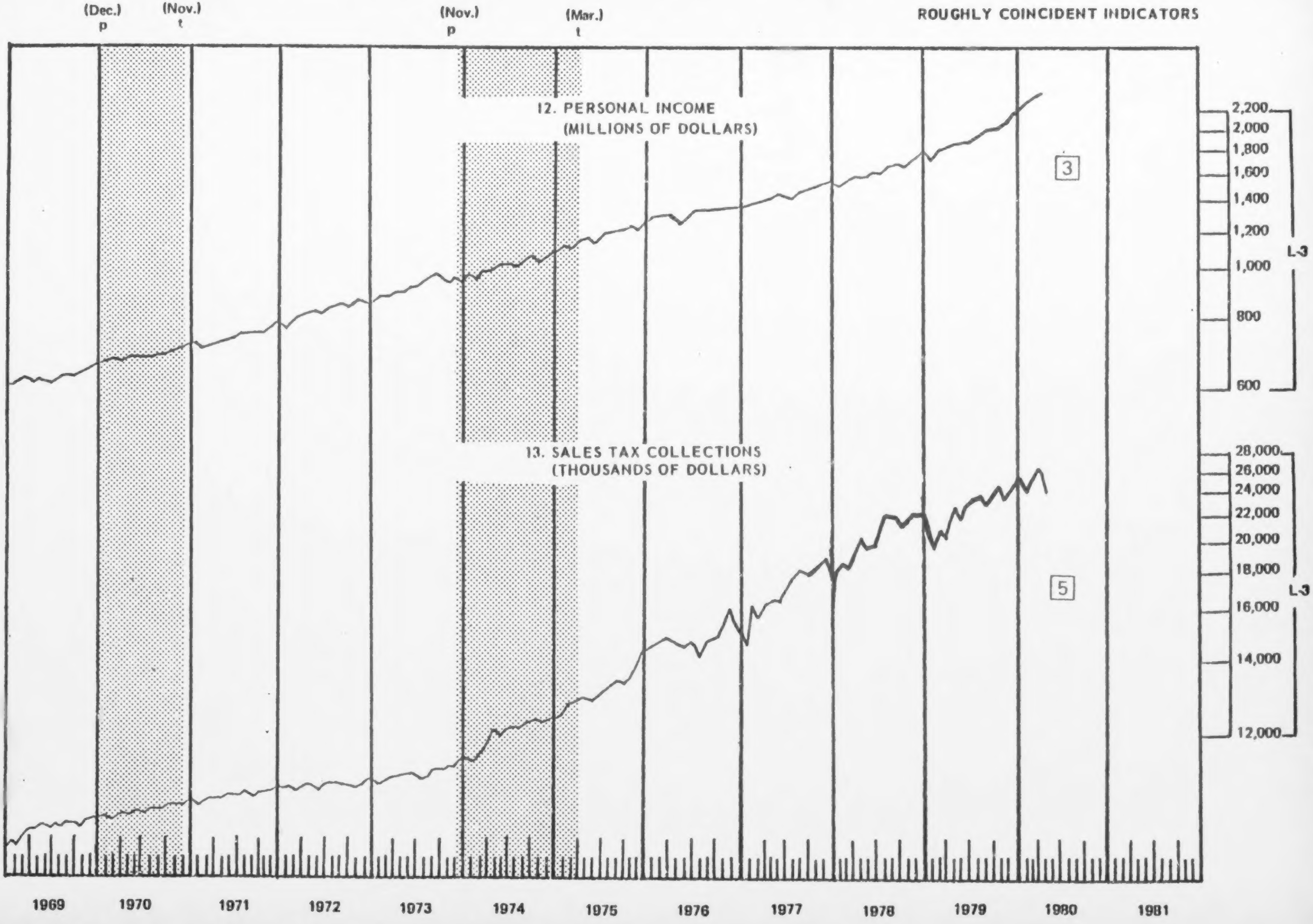

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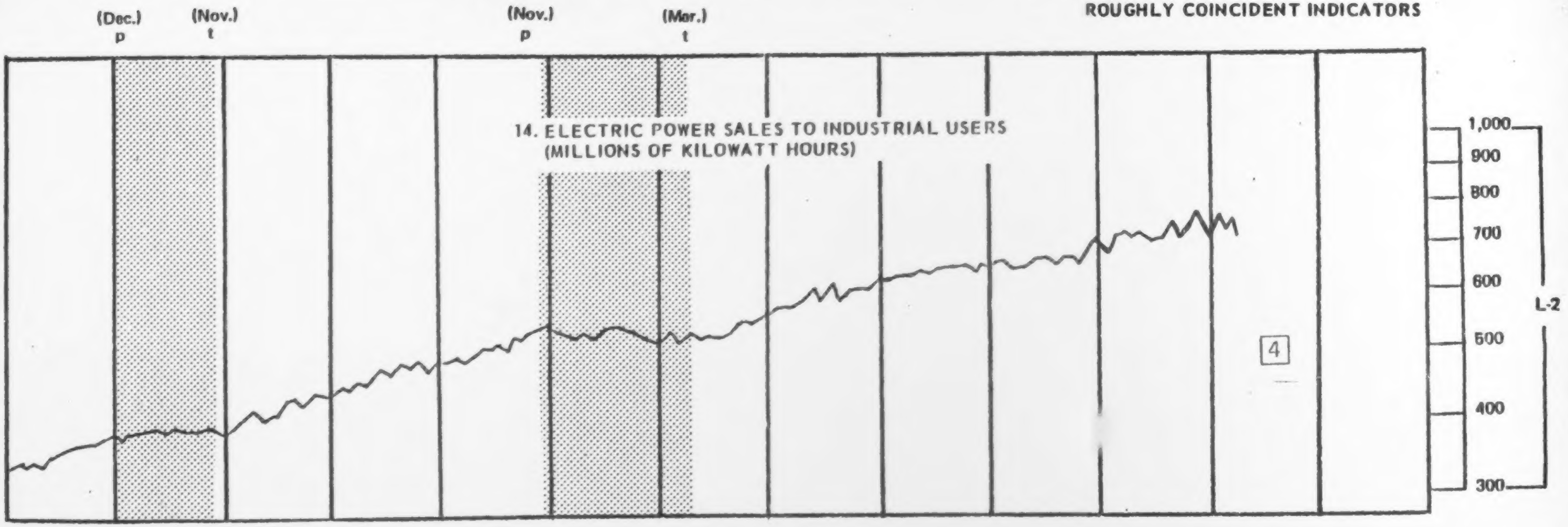
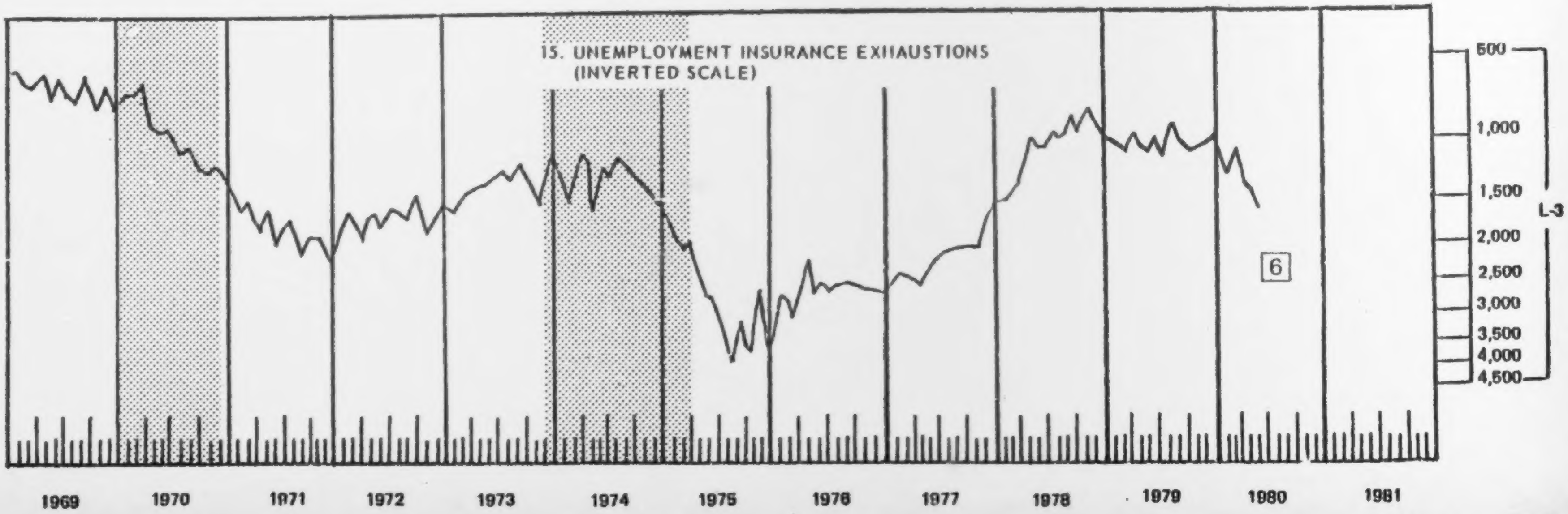


LAGGING INDICATORS



LEADING INDICATORS

Date	1 Average Workweek Manufacturing Production Workers		2 Job Openings Received Nonagricultural		3 Job Placements Nonagricultural		4 Initial Claims Average Weekly		5 Construction Contracts Total Value		6 New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1979												
Jan.	40.3	40.3	12,206	16,517	10,707	14,372	4,086	2,541	116,523	141,928	313	370
Feb.	40.3	40.5	12,317	16,645	10,599	14,170	3,086	2,663	169,824	183,594	576	502
Mar.	40.4	40.5	15,825	15,653	14,797	13,946	2,000	2,105	175,097	142,124	637	596
Apr.	39.9	40.4	16,179	15,512	14,472	14,272	2,313	2,382	137,099	119,010	476	461
May	40.4	40.6	17,781	16,343	15,781	15,351	2,012	2,251	171,483	152,159	398	375
Jun.	40.3	40.3	22,003	17,150	19,305	14,570	1,907	2,128	178,468	170,620	439	443
Jul.	40.5	40.6	18,750	17,297	16,142	14,675	2,194	2,227	143,658	130,955	472	476
Aug.	40.4	40.3	19,620	15,810	17,430	14,287	1,894	2,233	151,637	155,685	376	324
Sep.	40.7	40.4	16,470	14,732	14,284	13,081	1,777	2,281	143,087	142,801	476	523
Oct.	40.4	40.5	17,987	15,709	15,933	14,239	2,050	2,214	145,499	156,282	412	474
Nov.	40.5	40.1	14,634	19,357	12,792	16,213	2,314	2,462	124,316	137,823	367	378
Dec.	41.3	40.8	11,279	15,039	9,812	12,911	2,542	2,433	133,305	169,169	563	600
1980												
Jan.	40.3	40.3	13,036	17,640	11,595	15,564	3,651	2,271	163,000	198,538	412	487
Feb.	40.0	40.2	12,856	17,373	10,614	14,190	2,420	2,088	149,400	161,514	400	348
Mar.	40.5	40.6	14,467	14,310	12,922	12,179	2,116	2,227	130,900	106,250	348	325
Apr.	40.2	40.7	15,292	14,662	13,788	13,598	3,412	3,514	138,900	120,573		
May	40.1	40.3	14,417	13,251	13,010	12,656	3,406	3,810	123,600	109,672		
Jun.	40.2*	40.2*	18,953	14,772	16,083	12,131	3,069	3,425	195,700	187,094		
Jul.												
Aug.												
Sep.												
Oct.												
Nov.												
Dec.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7		8		9		10		11	
	Crude Oil Pipeline Runs, Average Daily Barrels		Nonagricultural Wage and Salary Employment		Unemployment Rate, Total		Insured Unemployment Rate Average Weekly		Man-hour Index Manufacturing Production Worke	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1979										
Jan.	369.8	390.1	1,047.8	1,061.6	4.2	3.9	1.8	1.5	147.9	149.5
Feb.	386.6	391.3	1,049.8	1,062.6	4.1	3.8	2.0	1.6	147.9	149.8
Mar.	410.5	401.7	1,068.3	1,074.7	3.4	3.4	1.6	1.3	150.4	151.9
Apr.	403.8	397.5	1,075.3	1,076.4	3.5	3.5	1.3	1.3	150.3	152.4
May	404.6	403.0	1,085.2	1,080.9	3.1	3.3	1.2	1.2	152.7	154.1
Jun.	405.5	403.1	1,095.8	1,089.3	3.5	3.3	1.2	1.3	153.7	152.6
Jul.	391.9	393.4	1,094.7	1,098.0	3.5	3.3	1.3	1.4	153.8	154.4
Aug.	404.8	397.7	1,099.9	1,098.8	3.1	3.1	1.2	1.3	154.8	154.5
Sep.	396.8	395.2	1,108.1	1,101.5	3.2	3.3	1.1	1.4	155.5	154.7
Oct.	402.4	400.8	1,110.6	1,104.0	3.1	3.3	1.1	1.4	155.5	154.6
Nov.	399.4	401.8	1,116.2	1,110.6	3.3	3.4	1.3	1.5	158.7	155.4
Dec.	379.4	379.0	1,122.1	1,113.2	3.5	3.7	1.5	1.4	163.5	160.1
1980										
Jan.	363.7	383.7	1,104.3	1,118.8	3.7	3.5	1.8	1.5	159.6	161.4
Feb.	383.7	388.4	1,106.9	1,120.3	3.5	3.2	1.9	1.5	157.9	160.0
Mar.	379.6	371.4	1,120.0	1,126.8	3.3	3.3	1.7	1.4	159.4	161.0
Apr.	406.8	400.4	1,128.6	1,129.7	3.7	3.8	1.7	1.7	157.8	160.0
May	407.6	406.0	1,134.0	1,129.5	4.1	4.3	1.7	1.8	155.9	157.3
Jun.	399.3	396.9	1,137.9*	1,131.1*	4.3*	4.1*	1.9	2.0	155.7*	154.6*
Jul.										
Aug.										
Sep.										
Oct.										
Nov.										
Dec.										

* *Preliminary Data*

ROUGHLY COINCIDENT INDICATORS

LAGGING INDICATORS

	12 Personal Income		13 Sales Tax Collections		14 Electrical Power Sales to Industrial Users		15 Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)		(Missions of Kilowatt Hours)		(Number)	
1979								
Jan.	1,768	1,799	18,048	19,427	684	696	1,125	1,017
Feb.	1,785	1,818	19,683	21,797	701	714	1,113	1,086
Mar.	1,820	1,838	19,856	21,583	695	725	1,077	1,005
Apr.	1,835	1,854	22,804	23,175	718	716	1,095	1,075
May	1,859	1,865	22,649	22,559	718	724	1,257	1,100
Jun.	1,899	1,873	23,084	22,698	713	705	1,012	1,019
Jul.	1,923	1,904	24,396	23,755	732	719	1,192	1,210
Aug.	1,954	1,944	24,204	23,318	759	731	1,013	934
Sep.	1,971	1,951	22,728	22,261	753	719	802	966
Oct.	1,995	1,985	24,968	25,297	730	730	965	1,093
Nov.	2,060	1,985	23,340	23,600	748	752	901	969
Dec.	2,148	2,048	30,334	25,729	700	720	849	917
1980								
Jan.	2,227	2,266	23,221	24,996	728	742	1,384	1,251
Feb.	2,242	2,283	22,936	25,400	710	722	1,200	1,171
Mar.	2,290	2,313	24,219	26,325	702	732	1,280	1,194
Apr.			25,697	26,115	713	712	1,457	1,430
May			25,090	24,990			1,501	1,313
Jun.							1,497	1,508
Jul.								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								

* Preliminary Data

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Productions Workers.** Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. **Source: Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural.** Nonagricultural job openings placed by employers with the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial claims for unemployment insurance benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. **Source: Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total dollar value of contracts awarded for combined residential and nonresidential building in Oklahoma. Non-building contracts are not included. **Source: F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. **Source: Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. **Source: Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** All wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. **Source: Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Percent of persons estimated to be unemployed in Oklahoma based on methods prescribed by U. S. Department of Labor. **Source: Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers covered by unemployment insurance for the most recent available 12 month period. **Source: Oklahoma Employment Security Commission.**

11. **Man-Hour Index.** Total hours worked by manufacturing production workers in Oklahoma in relation to the base period of 1967=100 percent. **Source: Oklahoma Employment Security Commission.**

12. **Personal Income.** Current income received by individuals in Oklahoma from all sources. **Source: Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two percent sales tax collections for report month relate to month of actual sales. City sales taxes are not included. **Source: Oklahoma Tax Commission.**

14. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. **Source: Edison Electric Institute.**

Lagging Indicators

15. **Unemployment Insurance Exhaustions.** Number of unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. **Source: Oklahoma Employment Security Commission.**

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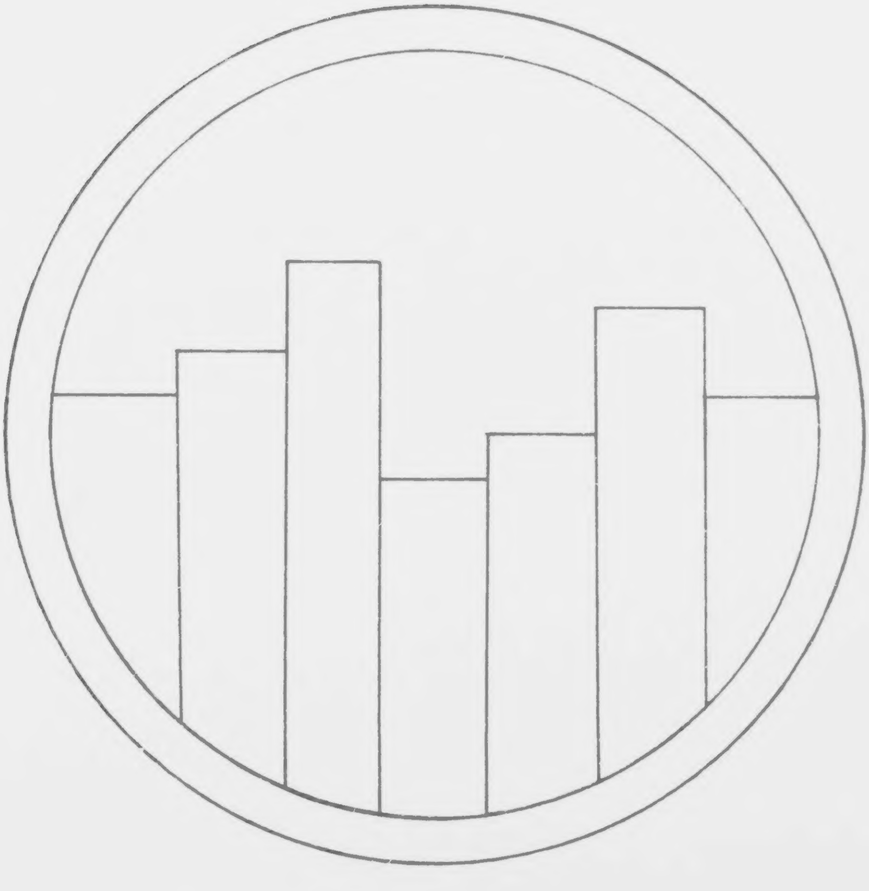
see for K issue

OKLAHOMA ECONOMIC INDICATORS

August 1980



JOB SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

GEORGE NIGH, Governor
STATE OF OKLAHOMA

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE

Affiliated With the
UNITED STATES EMPLOYMENT AND TRAINING ADMINISTRATION

John Ray Green, *Chairman*

Representing Employers	*Representing Employees*
George Ollie, Jr.	**Charles M. (Mike) Nobles**
Kenneth B. Hall	**Clyde Smith**

James H. Page
Executive Director

The following is a list of public employment offices of the Oklahoma State Employment Service:

LOCATION	MANAGER
ADA 1628 East Beverly Drive	Charles R. Null
ALTUS 312 West Cypress	Julio Beltran
ARDMORE 201 "A" Street, S. W.	Lee Roy Hatfield
BARTLESVILLE 501 E 5th Street	Donita McCarrell
BROKEN ARROW 704 West Oakland	Harold Martinson
CHICKASHA 628 Kansas Avenue	Gregory C. Campbell
CLAREMORE 1810 North Sioux	Ron Novotny
CLINTON 1120 Frisco Avenue	Ruth Switzer
DUNCAN 122 South 11th Street	Larry Donnell
DURANT 124 West Cedar	Michael B. Morrison
EDMOND 2120 S. Broadway Extension	Martin Bellows
ELK CITY 115 South Jefferson	James R. Hale
ENID 215 Kenwood Boulevard	A. K. Armstrong
GUYMON 707 North Main Street	Harold A. Duvall
HOLDENVILLE 115 N. Rodgers Drive	Yvonne Huser
HUGO 402 East Jackson	George Robison
IDABEL Hwy. 70 East and Brinkley Drive	Jerry Lane
LAWTON 811 "D" Avenue	Jack Manley
McALESTER 1201 East Wyandotte	Venetta Welsh
MIAMI 100 "A" Avenue, N. E.	D. Wendell Prentice
MUSKOGEE 704 East Side Boulevard	Johnnie Leeds
NORMAN 300 North Crawford	Marcus Weatherall
OKLAHOMA CITY	
919 N. W. 23rd Street	Terry Watson
4100 S. Douglas	David Slimp
8720 S. E. Fifteenth Street	Roger Pendergast
4345 N. W. 50th Street	Jacci Wirth
717 South Service Rd., Moore	Lois Lackey
3740 Springlake Drive	Audrey F. Adams
OKMULGEE 108 West Fifth Street	Erna Wilson
PONCA CITY 1201 West Grand	Virgil E. Mehlig
POTEAU 305 Clayton	Neville M. Brehm
PRYOR 219 N. E. First Street	John Carter
SALLISAW 204 North Elm	John R. McMahan
SAPULPA 1612 South Main	Lucille Mitchell
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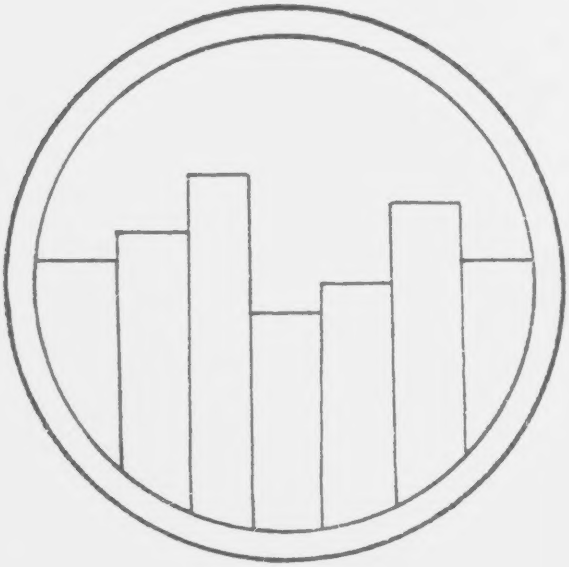

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OKLAHOMA ECONOMIC INDICATORS

August 1980

The effect of National economic conditions was felt more severely in Oklahoma during this report month as four of the seasonally adjusted series advanced and eleven declined from month-ago readings. Current data for electrical power sales to industrial users were not available at the time of this release. Most individual sectors of the economy in Oklahoma have moved unsteadily in recent months, while the overall state economy is attempting to stabilize as evidenced by the large number of indicators continuing to record above year-ago readings. The current condition of Oklahoma's economy is much better than that of the nation. However, nationwide pressures have affected many of the series as the economic slowdown is being felt throughout the state. This downturn of Oklahoma's economy should not be as severe nor as lengthy as in most other states.

Labor Market

The labor market lost momentum during July as three of the indicators increased and six decreased from one month earlier. Nonagricultural wage and salary employment increased slightly (seasonally adjusted) as did the total unemployment rate (unfavorable movement). Economic skepticism on the part of industry in the state continues to rise marked by several manufacturers decreasing payroll employment during the month. The labor market exhibited major uncertainties but with additional support from other sectors of the economy could regain a generally upward course. Few of the labor market series have recorded dramatic changes during the past few months, but nearly all levels were above the 1973-1975 recessionary period.

Business

The business sector exhibited even less stability during the month as four of the indicators recorded losses. New business incorporations and average daily crude oil pipeline runs declined slightly in comparison to recent months as did construction contracts. Uncertainty on the part of business to step up production in all areas has returned.

Finance

The overall financial series was also hesitant during July as personal income declined significantly. Apparently, consumers are beginning to curb spending in an effort to recoup losses incurred from the increased cost of living. The financial trends should improve and hopefully, provide much needed support to other areas of the economy.

OKLAHOMA ECONOMIC INDICATORS

Introductory Notes

The techniques and format of this publication are based on the work of the National Bureau of Economic Research and are similar to those used in the monthly periodical, "*Business Conditions Digest*," issued by the U. S. Department of Commerce. The charts show, in shaded areas, periods of national business downturns as determined by the National Bureau of Economic Research. Moreover, the indicators are classified as leading, roughly coincident and lagging according to their timing in relation to the national downturns.

Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide for Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ([5] = May).

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Dots indicate actual monthly data where a moving average is plotted.

Parellel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.) of a series.

Four items pertaining to unemployment (series 4, 9, 10 and 15) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

CHANGE FROM PREVIOUS MONTH AND YEAR 1/

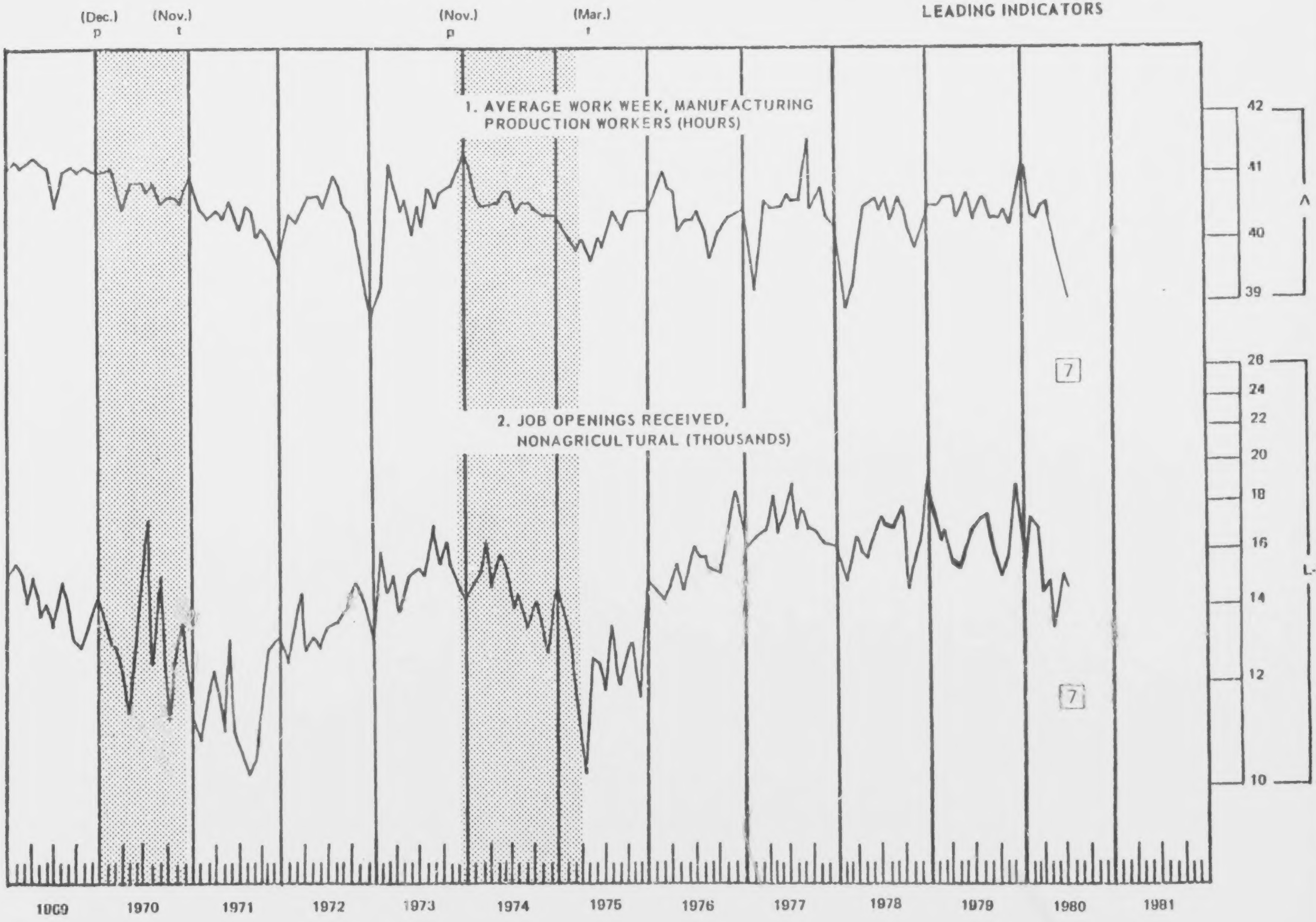
INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1. Average Workweek, Manufacturing Production Workers	Hours	July	38.9*	39.0*	39.8	40.6	- 2.0	- 3.9
2. Job Openings Received, Nonag. .	Number	July	15,554	14,349	14,772	17,297	- 2.9	- 17.0
3. Job Placements, Nonag.	Number	July	14,517	13,197	12,138	14,675	8.7	- 10.1
4. Initial Claims, Average Weekly . .	Number	July	3,227	3,276	3,425	2,227	- 4.4	47.1
5. Construction Contracts	Thou. Dollars	July	173,100	157,794	187,094	130,955	- 15.7	20.5
6. New Business Incorporations . . .	Number	May	476	449	461	375	- 2.6	19.7
7. Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	July	387.5	389.0	396.9	393.4	- 2.0	- 1.1
ROUGHLY COINCIDENT INDICATORS								
8. Nonagricultural Wage and Salary Employment	Thousands	July	1,136.0*	1,139.4*	1,135.4	1,098.8	0.4	3.7
9. Unemployment Rate, Total . . .	Percent	July	4.4*	4.2*	4.1	3.3	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	July	2.0	2.1	2.0	1.4	xxx	xxx
11. Man-Hour Index	1967 = 100	July	149.9*	150.5*	152.8	154.4	- 1.5	- 2.5
12. Personal Income	Million Dollars	April	2,239	2,262	2,313	1,854	- 2.2	22.0
13. Sales Tax Collections	Thou. Dollars	June	27,093	26,640	24,990	22,698	6.6	17.4
14. Electrical Power Sales to Industrial Users	Million KWH	May	702	708	712	724	- 0.6	- 2.2
LAGGING INDICATORS								
15. Exhaustions, Unemployment Ins.	Number	July	1,665	1,690	1,508	1,210	12.1	39.7

1/ *For historical data see pages 11-13.*

* *Preliminary Data.*

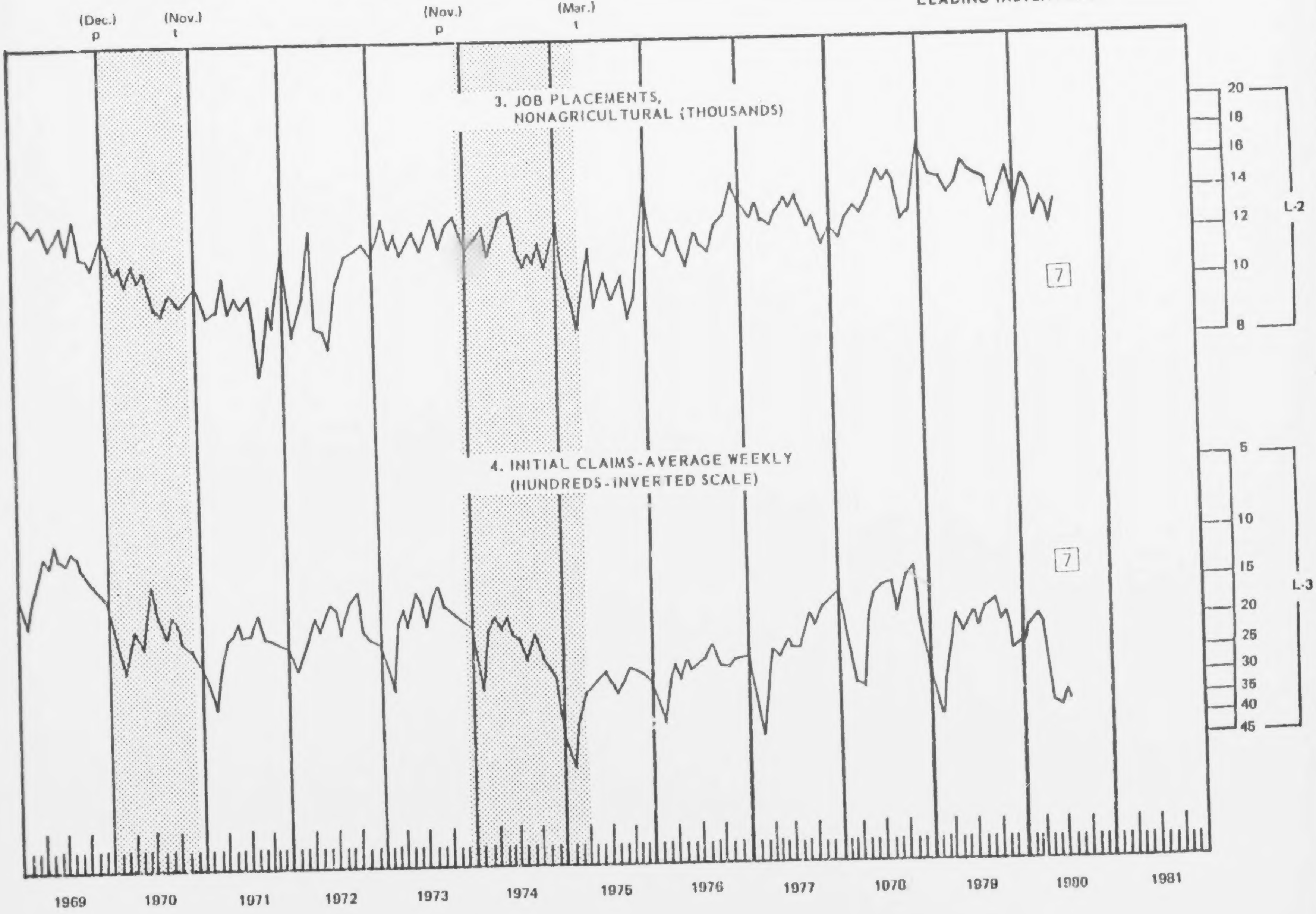
OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS



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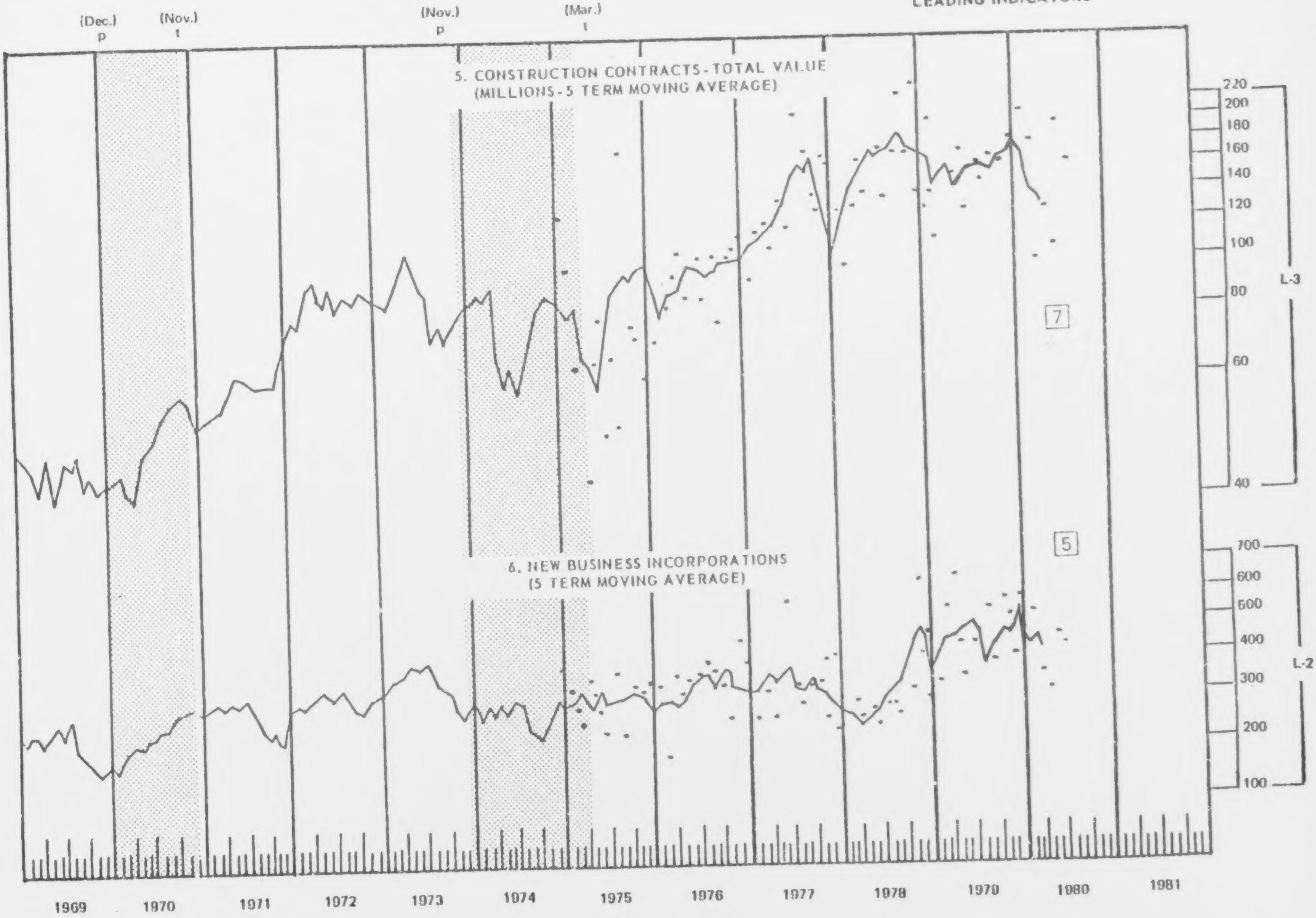

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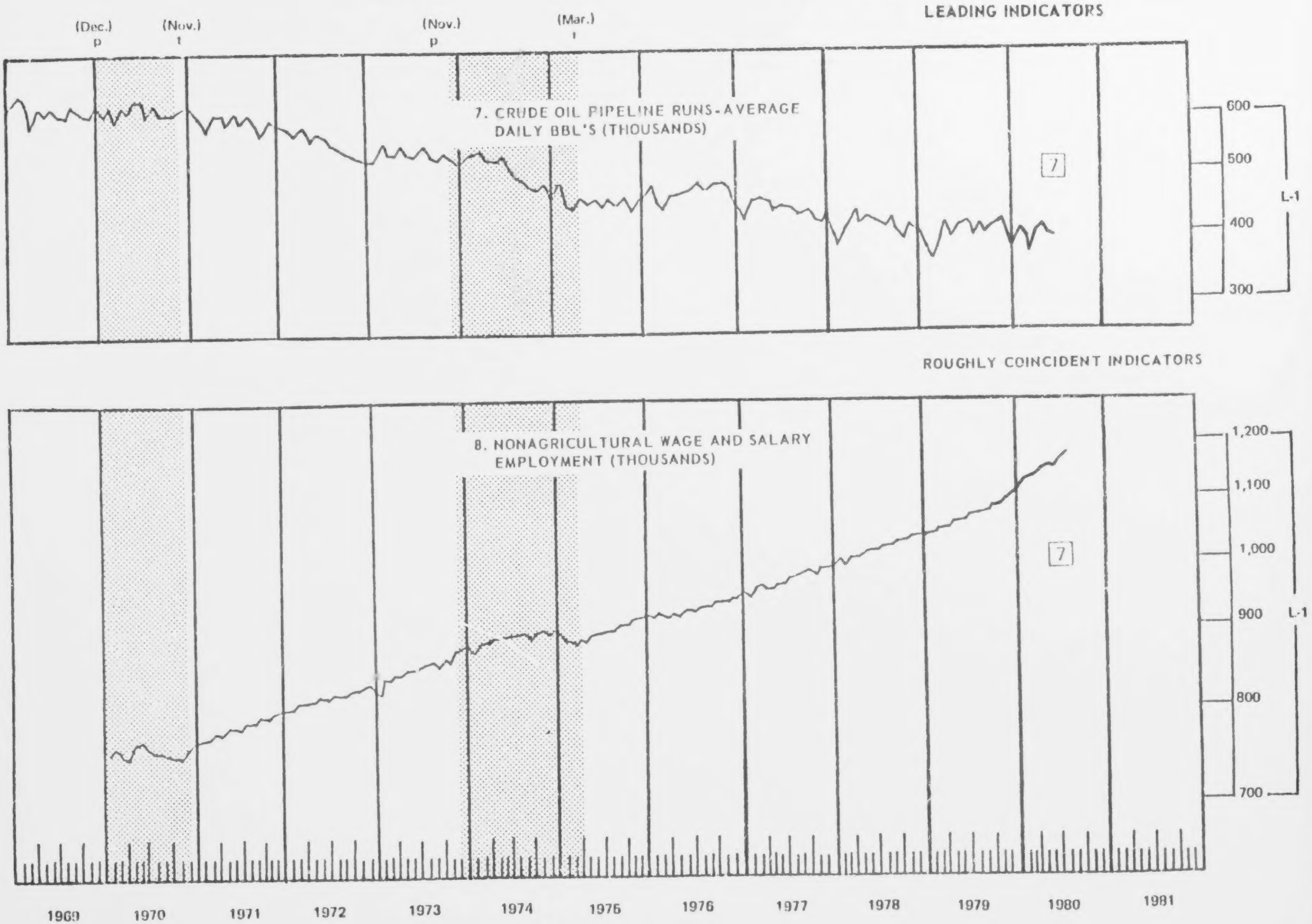
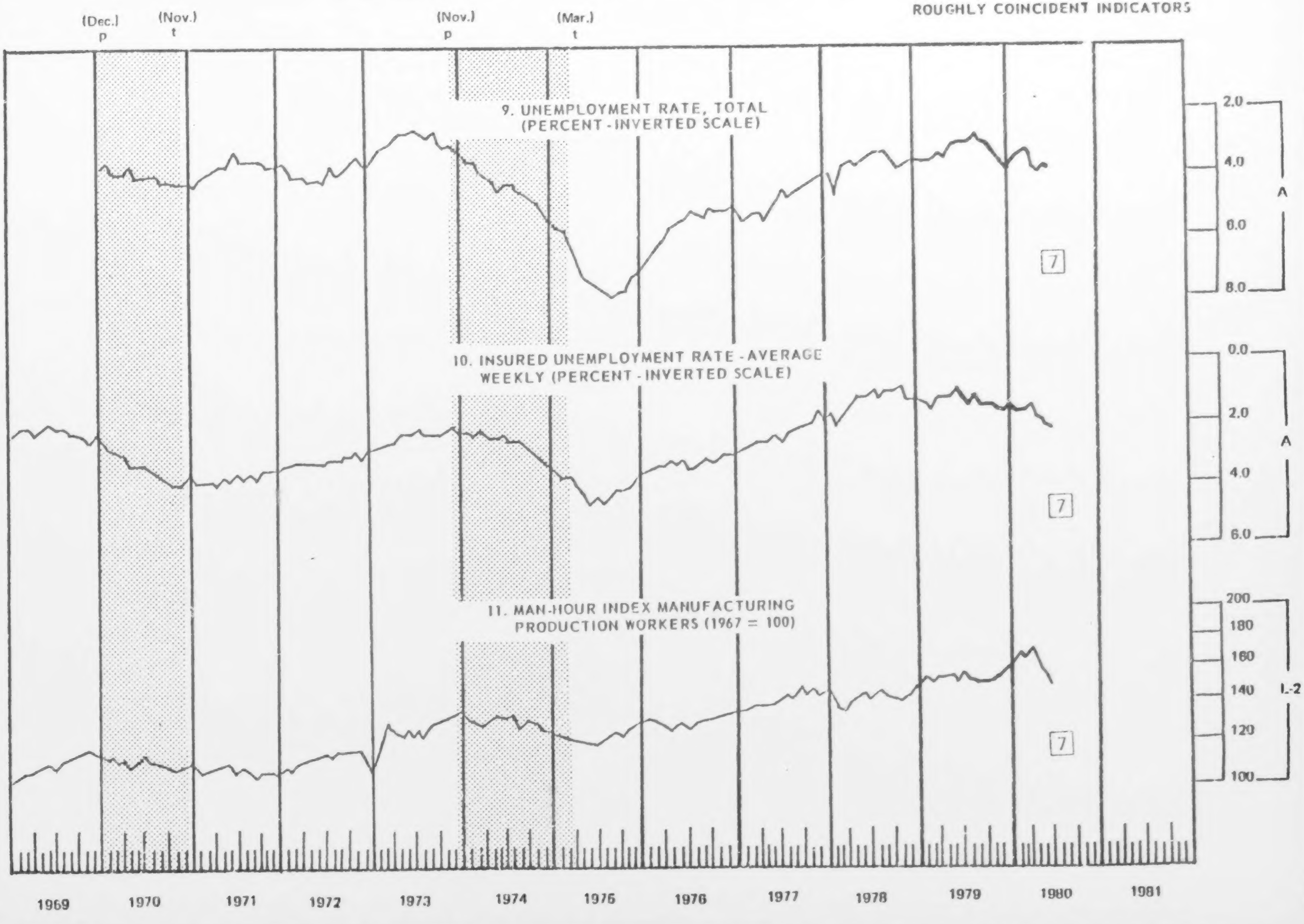


OKLAHOMA ECONOMIC INDICATORS

ROUGHLY COINCIDENT INDICATORS



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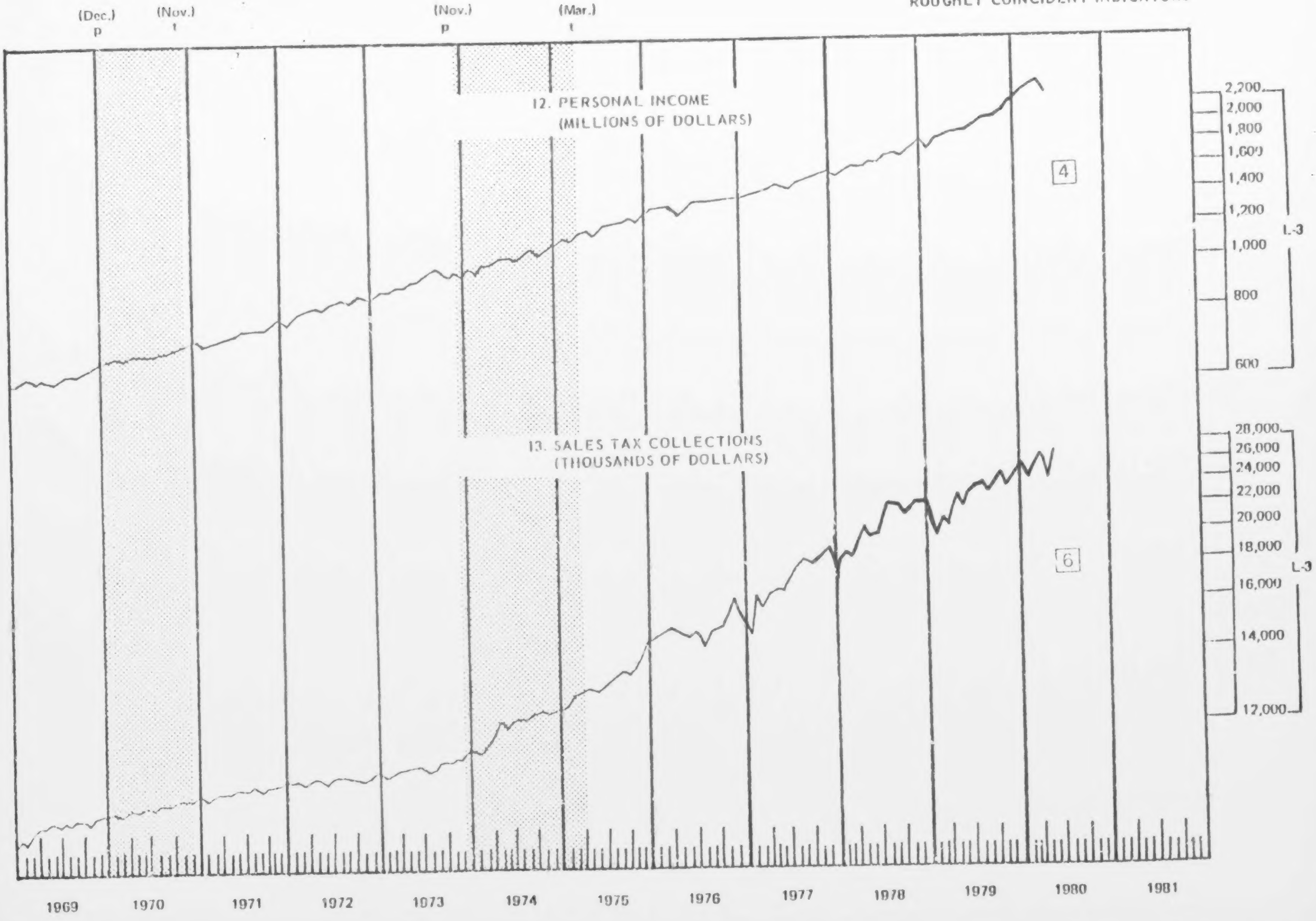

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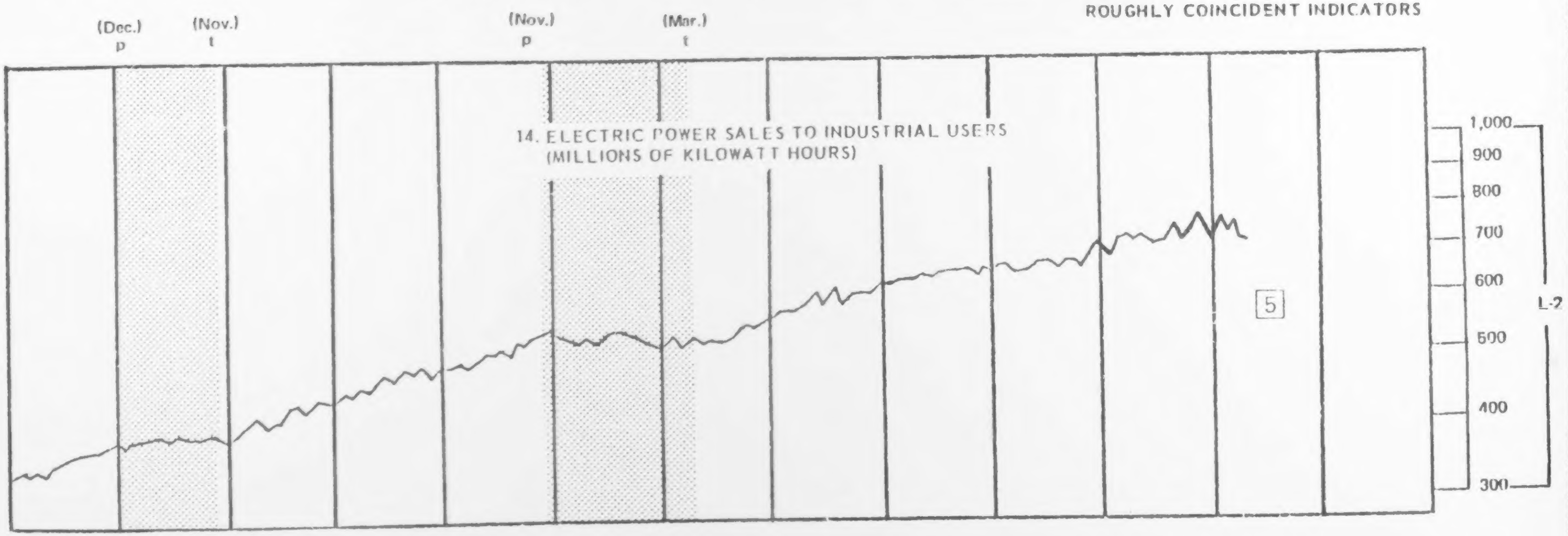
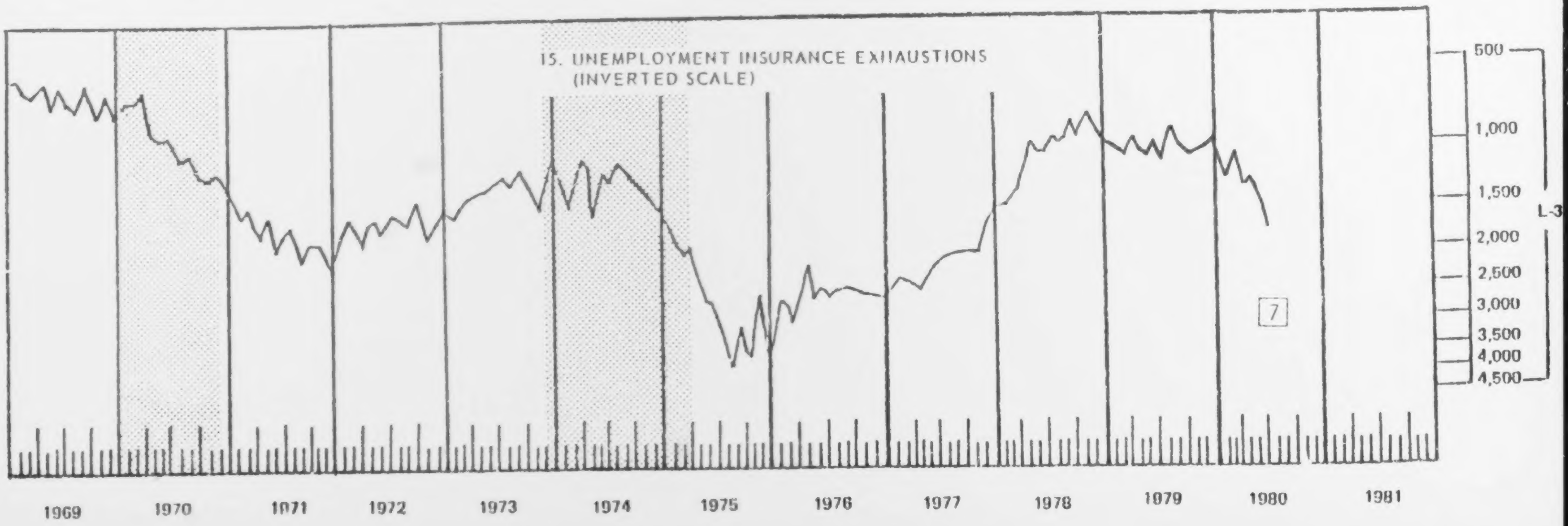


LAGGING INDICATORS



LEADING INDICATORS

Date	1 Average Workweek Manufacturing Production Workers		2 Job Openings Received Nonagricultural		3 Job Placements Nonagricultural		4 Initial Claims Average Weekly		5 Construction Contracts Total Value		6 New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1979												
Jan.	40.3	40.3	12,200	15,517	10,707	14,372	4,086	2,541	116,523	141,928	313	370
Feb.	40.3	40.5	12,317	16,645	10,599	14,170	3,086	2,663	169,824	183,594	576	502
Mar.	40.4	40.5	15,825	15,653	14,797	13,946	2,000	2,105	175,097	142,124	637	596
Apr.	39.9	40.4	16,179	15,512	14,472	14,272	2,313	2,382	137,099	119,010	476	461
May	40.4	40.6	17,781	16,343	15,781	15,351	2,012	2,251	171,483	152,159	398	375
Jun.	40.3	40.3	22,003	17,150	19,305	14,570	1,907	2,128	178,468	170,620	439	443
Jul.	40.5	40.6	18,750	17,297	16,142	14,675	2,194	2,227	143,658	130,955	472	476
Aug.	40.4	40.3	19,620	15,810	17,430	14,287	1,894	2,233	151,637	155,685	376	324
Sep.	40.7	40.4	16,470	14,732	14,284	13,081	1,777	2,281	143,087	142,801	476	523
Oct.	40.4	40.5	17,987	15,709	15,933	14,239	2,050	2,214	145,499	156,282	412	474
Nov.	40.5	40.1	14,634	19,357	12,792	16,213	2,314	2,462	124,316	137,823	367	378
Dec.	41.3	40.8	11,279	15,039	9,812	12,911	2,542	2,433	133,305	169,169	563	600
1980												
Jan.	40.3	40.3	13,036	17,640	11,595	15,564	3,651	2,271	163,000	198,538	412	487
Feb.	40.0	40.2	12,856	17,373	10,614	14,190	2,420	2,088	149,400	161,514	400	348
Mar.	40.5	40.6	14,467	14,310	12,922	12,179	2,116	2,227	130,900	106,250	348	325
Apr.	40.2	40.7	15,292	14,662	13,788	13,598	3,412	3,514	138,900	120,573	476	449
May	40.1	40.3	14,417	13,251	13,010	12,656	3,406	3,810	123,600	109,672		
Jun.	39.8	39.8	18,953	14,772	16,083	12,131	3,069	3,425	195,700	187,094		
Jul.	38.9*	39.0*	15,554	14,349	14,517	13,197	3,227	3,276	173,100	157,794		
Aug.												
Sep.												
Oct.												
Nov.												
Dec.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7		8		9		10		11	
	Crude Oil Pipeline Runs, Average Daily Barrels		Nonagricultural Wage and Salary Employment		Unemployment Rate, Total		Insured Unemployment Rate Average Weekly		Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1979										
Jan.	369.8	390.1	1,047.8	1,061.6	4.2	3.9	1.8	1.5	147.9	149.5
Feb.	386.6	391.3	1,049.8	1,062.6	4.1	3.8	2.0	1.6	147.9	149.8
Mar.	410.5	401.7	1,068.3	1,074.7	3.4	3.4	1.6	1.3	150.4	151.9
Apr.	403.8	397.5	1,075.3	1,076.4	3.5	3.5	1.3	1.3	150.3	152.4
May	404.6	403.0	1,085.2	1,080.9	3.1	3.3	1.2	1.2	152.7	154.1
Jun.	405.5	403.1	1,095.8	1,089.3	3.5	3.3	1.2	1.3	153.7	152.6
Jul.	391.9	393.4	1,094.7	1,098.0	3.5	3.3	1.3	1.4	153.8	154.4
Aug.	404.8	397.7	1,099.9	1,098.8	3.1	3.1	1.2	1.3	154.8	154.5
Sep.	396.8	395.2	1,108.1	1,101.5	3.2	3.3	1.1	1.4	155.5	154.7
Oct.	402.4	400.8	1,110.6	1,104.0	3.1	3.3	1.1	1.4	155.5	154.6
Nov.	399.4	401.8	1,116.2	1,110.6	3.3	3.4	1.3	1.5	158.7	155.4
Dec.	379.4	379.0	1,122.1	1,113.2	3.5	3.7	1.5	1.4	163.5	160.1
1980										
Jan.	363.7	383.7	1,104.3	1,118.8	3.7	3.5	1.8	1.5	159.6	161.4
Feb.	383.7	388.4	1,106.9	1,120.3	3.5	3.2	1.9	1.5	157.9	160.0
Mar.	379.6	371.4	1,120.0	1,126.8	3.3	3.3	1.7	1.4	159.4	161.0
Apr.	406.8	400.4	1,128.6	1,129.7	3.7	3.8	1.7	1.7	157.8	160.0
May	407.6	406.0	1,134.0	1,129.5	4.1	4.3	1.7	1.8	155.9	157.3
Jun.	399.3	396.9	1,142.2	1,136.0	4.4	4.1	1.9	2.0	153.9	152.8
Jul.	387.5	389.0	1,136.0*	1,139.4*	4.4*	4.2*	2.0	2.1	149.9*	150.5*
Aug.										
Sep.										
Oct										
Nov.										
Dec.										

* *Preliminary Data*

ROUGHLY COINCIDENT INDICATORS

LAGGING INDICATORS

	12 Personal Income		13 Sales Tax Collections		14 Electrical Power Sales to Industrial Users		15 Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)		(Missions of Kilowatt Hours)		(Number)	
1979								
Jan.	1,768	1,799	18,048	19,427	684	696	1,125	1,017
Feb.	1,785	1,818	19,683	21,797	701	714	1,113	1,086
Mar.	1,820	1,838	19,856	21,583	695	725	1,077	1,005
Apr.	1,835	1,854	22,804	23,175	718	716	1,095	1,075
May	1,859	1,865	22,649	22,559	718	724	1,257	1,100
Jun.	1,899	1,873	23,084	22,698	713	705	1,012	1,019
Jul.	1,923	1,904	24,396	23,755	732	719	1,192	1,210
Aug.	1,954	1,944	24,204	23,318	759	731	1,013	934
Sep.	1,971	1,951	22,728	22,261	753	719	802	966
Oct.	1,995	1,985	24,968	25,297	730	730	965	1,093
Nov.	2,060	1,985	23,340	23,600	748	752	901	969
Dec.	2,148	2,048	30,334	25,729	700	720	849	917
1980								
Jan.	2,227	2,266	23,221	24,996	728	742	1,384	1,251
Feb.	2,242	2,283	22,936	25,400	710	722	1,200	1,171
Mar.	2,290	2,313	24,219	26,325	702	732	1,280	1,194
Apr.	2,239	2,262	25,697	26,115	713	712	1,457	1,430
May			25,090	24,990	702	708	1,501	1,313
Jun.			27,093	26,640			1,497	1,508
Jul.							1,665	1,690
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								

* Preliminary Data

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Productions Workers.** Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. **Source: Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural.** Nonagricultural job openings placed by employers with the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial claims for unemployment insurance benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. **Source: Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total dollar value of contracts awarded for combined residential and nonresidential building in Oklahoma. Non-building contracts are not included. **Source: F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. **Source: Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. **Source: Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** All wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. **Source: Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Percent of persons estimated to be unemployed in Oklahoma based on methods prescribed by U. S. Department of Labor. **Source: Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers covered by unemployment insurance for the most recent available 12 month period. **Source: Oklahoma Employment Security Commission.**

11. **Man-Hour Index.** Total hours worked by manufacturing production workers in Oklahoma in relation to the base period of 1967=100 percent. **Source: Oklahoma Employment Security Commission.**

12. **Personal Income.** Current income received by individuals in Oklahoma from all sources. **Source: Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two percent sales tax collections for report month relate to month of actual sales. City sales taxes are not included. **Source: Oklahoma Tax Commission.**

14. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. **Source: Edison Electric Institute.**

Lagging Indicators

15. **Unemployment Insurance Exhaustions.** Number of unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. **Source: Oklahoma Employment Security Commission.**

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OKLAHOMA ECONOMIC INDICATORS

September 1980

JOB SERVICE

OKLAHOMA EMPLOYMENT SECURITY COMMISSION

RESEARCH AND PLANNING

GEORGE NIGH, Governor
STATE OF OKLAHOMA

OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE

Affiliated With the
UNITED STATES EMPLOYMENT AND TRAINING ADMINISTRATION

John Ray Green, *Chairman*

Representing Employers	*Representing Employees*
George Ollie, Jr.	Charles M. (Mike) Nobles
Kenneth B. Hall	Clyde Smith

James H. Page
Executive Director

The following is a list of public employment offices of the Oklahoma State Employment Service:

LOCATION	MANAGER
ADA 1628 East Beverly Drive	Charles R. Null
ALTUS 312 West Cypress	Julio Beltran
ARDMORE 201 "A" Street, S. W.	Lee Roy Hatfield
BARTLESVILLE 501 E. 5th Street	Donita McCarrell
BROKEN ARROW 704 West Oakland	Harold Martinson
CHICKASHA 628 Kansas Avenue	Gregory C. Campbell
CLAREMORE 1810 North Sioux	Ron Novotny
CLINTON 1120 Frisco Avenue	Ruth Switzer
DUNCAN 122 South 11th Street	Larry Donnell
DURANT 124 West Cedar	Michael B. Morrison
EDMOND 2120 S. Broadway Extension	Martin Bellows
ELK CITY 115 South Jefferson	James R. Hale
ENID 215 Kenwood Boulevard	A. K. Armstrong
GUYMON 707 North Main Street	Harold A. Duvall
HOLDENVILLE 115 N. Rodgers Drive	Yvonne Huser
HUGO 402 East Jackson	George Robison
IDABEL Hwy. 70 East and Brinkley Drive	Jerry Lane
LAWTON 811 "D" Avenue	Jack Manley
McALESTER 1201 East Wyandotte	Venetta Welsh
MIAMI 100 "A" Avenue, N. E.	D. Wendell Prentice

LOCATION	MANAGER
MUSKOGEE 704 East Side Boulevard	Johnnie Leeds
NORMAN 300 North Crawford	Marcus Weatherall
OKLAHOMA CITY	
919 N. W. 23rd Street	Terry Watson
4100 S. Douglas	David Slimp
8720 S. E. Fifteenth Street	Roger Pendergast
4345 N. W. 50th Street	Jacci Wirth
717 South Service Rd., Moore	Lois Lackey
3740 Springlake Drive	Audrey F. Adams
OKMULGEE 108 West Fifth Street	Erna Wilson
PONCA CITY 1201 West Grand	Virgil E. Mehlig
POTEAU 305 Clayton	Neville M. Brehm
PRYOR 219 N. E. First Street	John Carter
SALLISAW 204 North Elm	John R. McMahan
SAPULPA 1612 South Main	Lucille Mitchell
SEMINOLE 111 North Fourth Street	Warren Schroeder
SHAWNEE 127 North Park	Ann Higley
STILLWATER 730 South Western	Terry Coleman
TAHLEQUAH 1611 South Muskogee	Gary Harrington
TULSA	
818 South Boston	Gene Hunter
3105 East Skelly Drive	Peggy Phillips
11322B East 21st Street	Richard Robey
567 E. 36th St., North	Vacie Deal
401-J East Broadway Sand Springs	Rex Terrill
WOODWARD 1106 Texas Avenue	Kenneth Alexander

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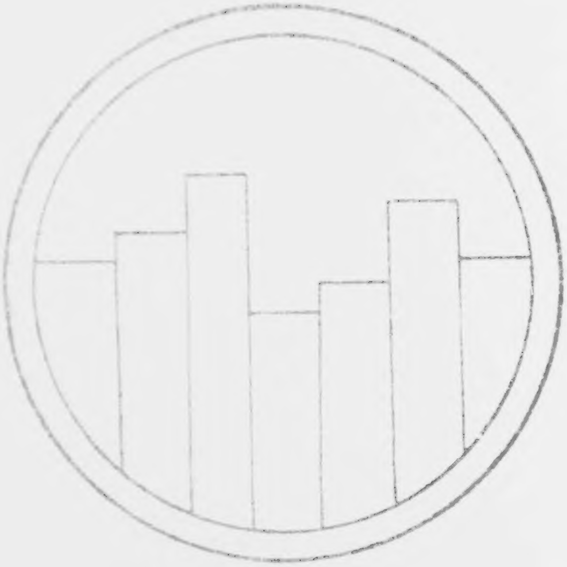
OKLAHOMA ECONOMIC INDICATORS



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OKLAHOMA EMPLOYMENT SECURITY COMMISSION
OKLAHOMA STATE EMPLOYMENT SERVICE
RESEARCH AND PLANNING
W. J. BOWMAN, CHIEF
BILL HUNTER, BRANCH MANAGER

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Statistical data for a series of selected economic activity in Oklahoma have been collected and adjusted for seasonal variation so that their movements over a period of time will reveal their characteristics of cyclical expansion and contraction. The presentation of the indicators may be changed subsequently as new series are developed or become available.

Guide for Reading Indicator Charts

Peak (P) of cycle indicates end of expansion and beginning of recession (shaded areas) as designated by National Bureau of Economic Research. Trough (T) of cycle indicates end of recession and beginning of expansion (unshaded areas).

Arabic number indicates latest month for which data are plotted. ([5] = May).

Various scales are used to highlight the patterns of the individual series. "Scale A" is an arithmetic scale, "Scale L-2" is a logarithmic scale with 2 cycles in a given distance, etc. The scales should be carefully noted because they show whether or not the plotted lines for various series are directly comparable.

Solid line indicates monthly data. (Data may be actual monthly figures or moving averages.)

Dots indicate actual monthly data where a moving average is plotted.

Parellel lines indicate a break in continuity (data not available, changes in series definitions, extreme values, etc.) of a series.

Four items pertaining to unemployment (series 4, 9, 10 and 15) are inverted so they will rise and fall with the other indicators. A rise in these series as plotted is favorable and a fall unfavorable.

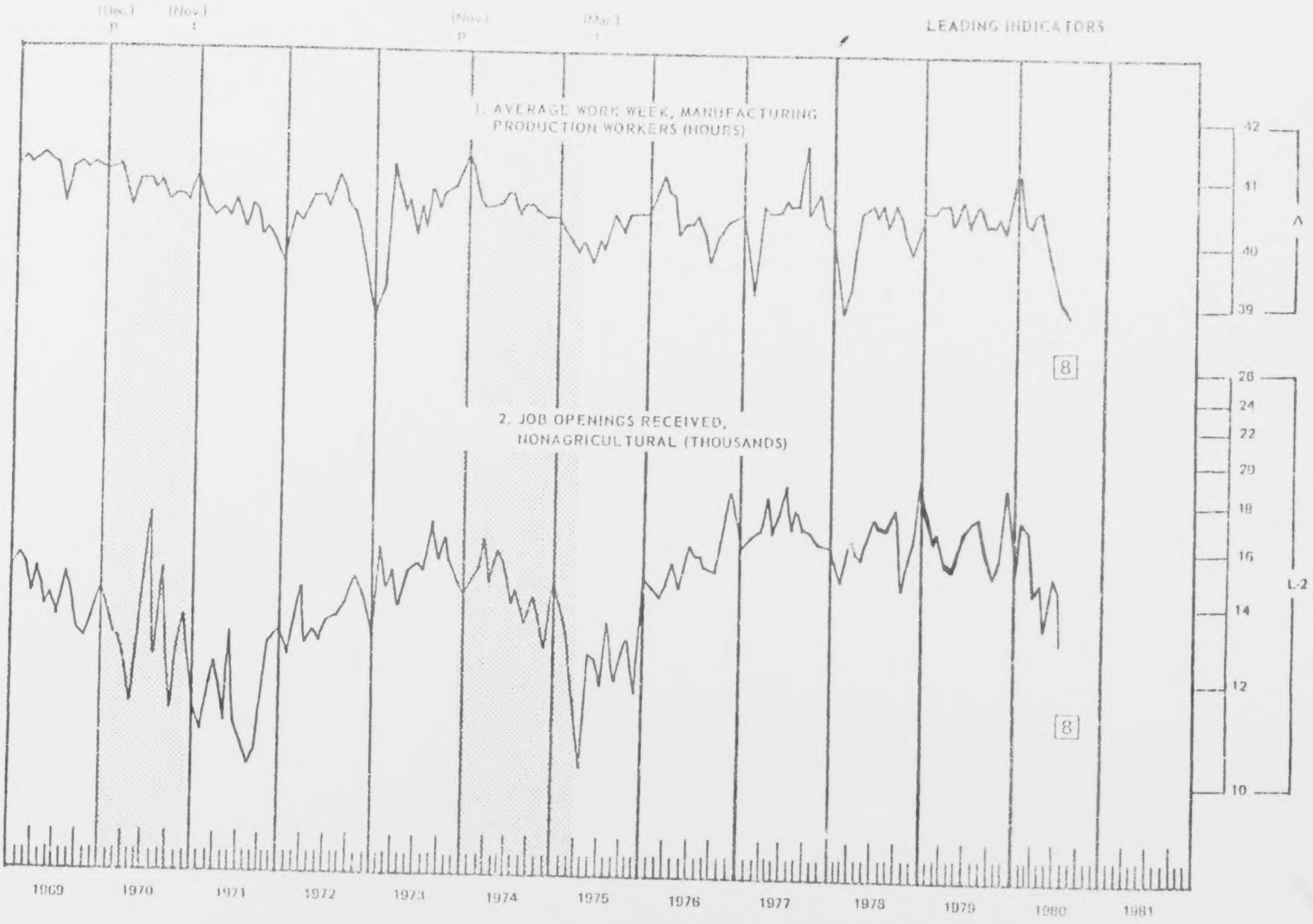
CHANGE FROM PREVIOUS MONTH AND YEAR 1/

INDICATOR	UNIT OF MEASURE	LATEST MONTH	UNADJUSTED	ADJUSTED	MONTH AGO ADJUSTED	YEAR AGO ADJUSTED	PERCENT CHANGE	
							MONTH AGO	YEAR AGO
LEADING INDICATORS								
1 Average Workweek, Manufacturing Production Workers	Hours	August	39.0*	38.9*	39.5	40.3	- 1.5	- 3.5
2 Job Openings Received, Nonag. . .	Number	August	16.146	13,010	14,349	15,810	- 9.3	- 17.7
3 Job Placements, Nonag. . . .	Number	August	14,691	12,042	13,197	14,287	- 8.8	- 15.7
4 Initial Claims, Average Weekly . .	Number	August	3,503	4,131	3,276	2,233	26.1	85.0
5 Construction Contracts	Thou. Dollars	August	183,300	188,193	157,794	155,685	19.3	20.9
6 New Business Incorporations . . .	Number	June	479	484	449	443	7.8	9.3
7 Crude Oil Pipeline Runs, Average Daily Barrels	Thousands	August	400.1	393.6	389.0	397.7	1.2	- 1.0
ROUGHLY COINCIDENT INDICATORS								
8 Nonagricultural Wage and Salary Employment	Thousands	August	1,133.9*	1,132.8*	1,133.0	1,098.8	0.0	3.1
9. Unemployment Rate, Total . . .	Percent	August	4.2*	4.0*	4.1	3.1	xxx	xxx
10. Insured Unemployment Rate Average Weekly	Percent	August	1.8	1.9	2.1	1.4	xxx	xxx
11. Man-Hour Index	1967 = 100	August	149.6*	149.3*	150.9	154.5	- 1.1	- 3.4
12. Personal Income	Million Dollars	May	2,242	2,249	2,262	1,865	- 0.5	20.6
13. Sales Tax Collections	Thou. Dollars	July	27,887	27,154	26,640	23,755	1.9	14.3
14. Electrical Power Sales to Industrial Users	Million KWH							
LAGGING INDICATORS								
15. Exhaustions, Unemployment Ins.	Number	August	1,544	1,423	1,690	934	- 15.8	52.4

1/ *For historical data see pages 11-13*

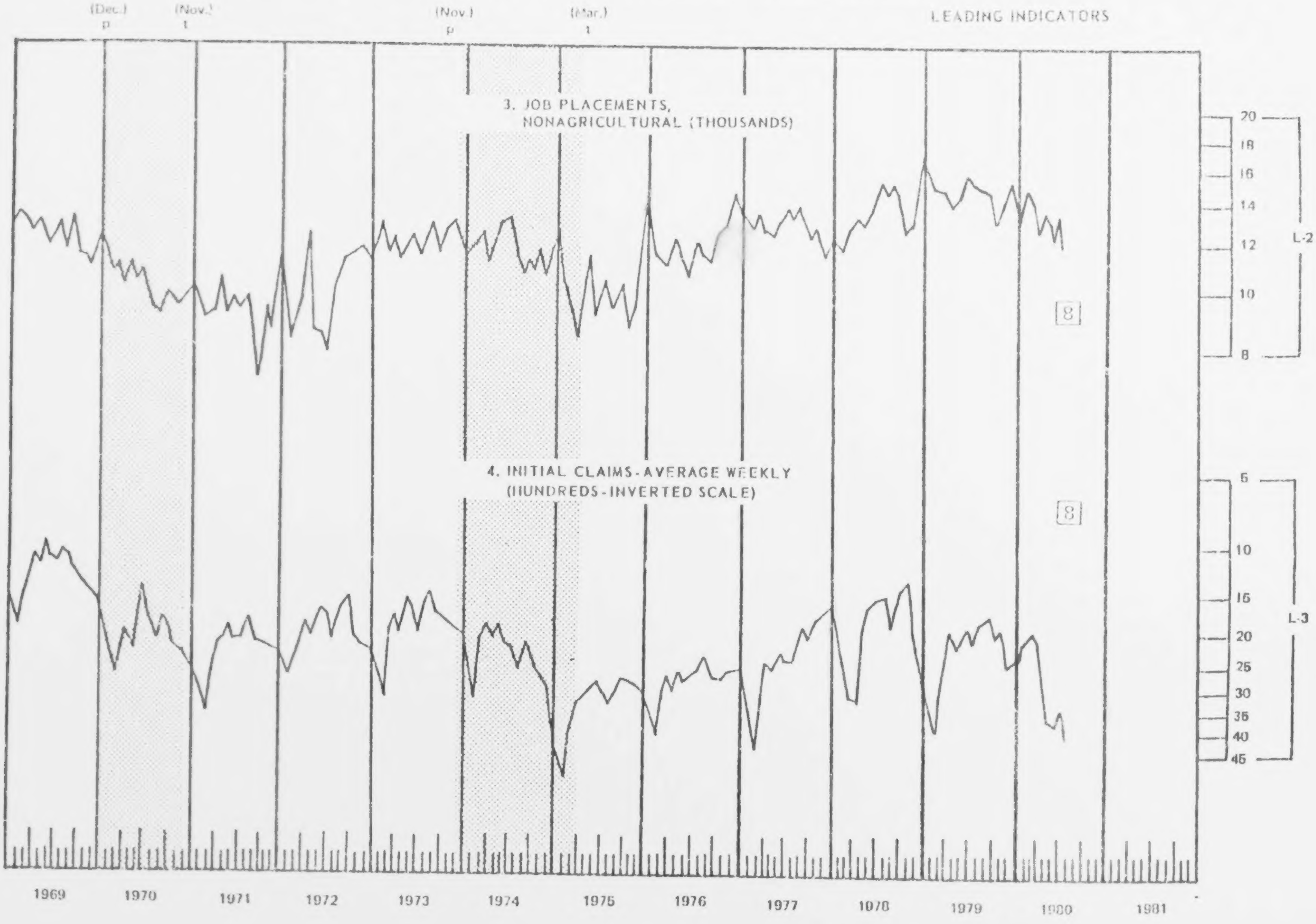
* *Preliminary Data*

OKLAHOMA ECONOMIC INDICATORS



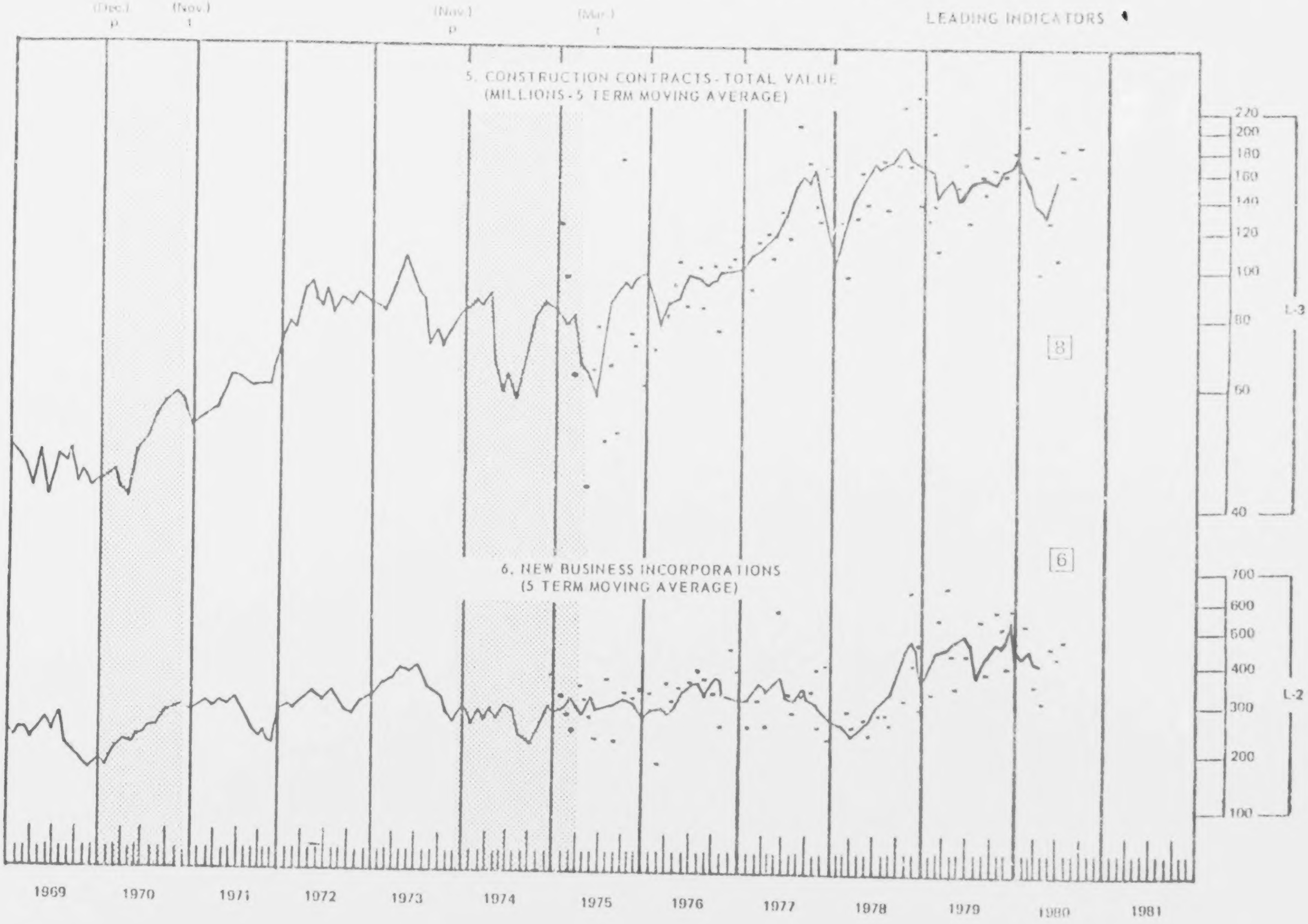
OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS

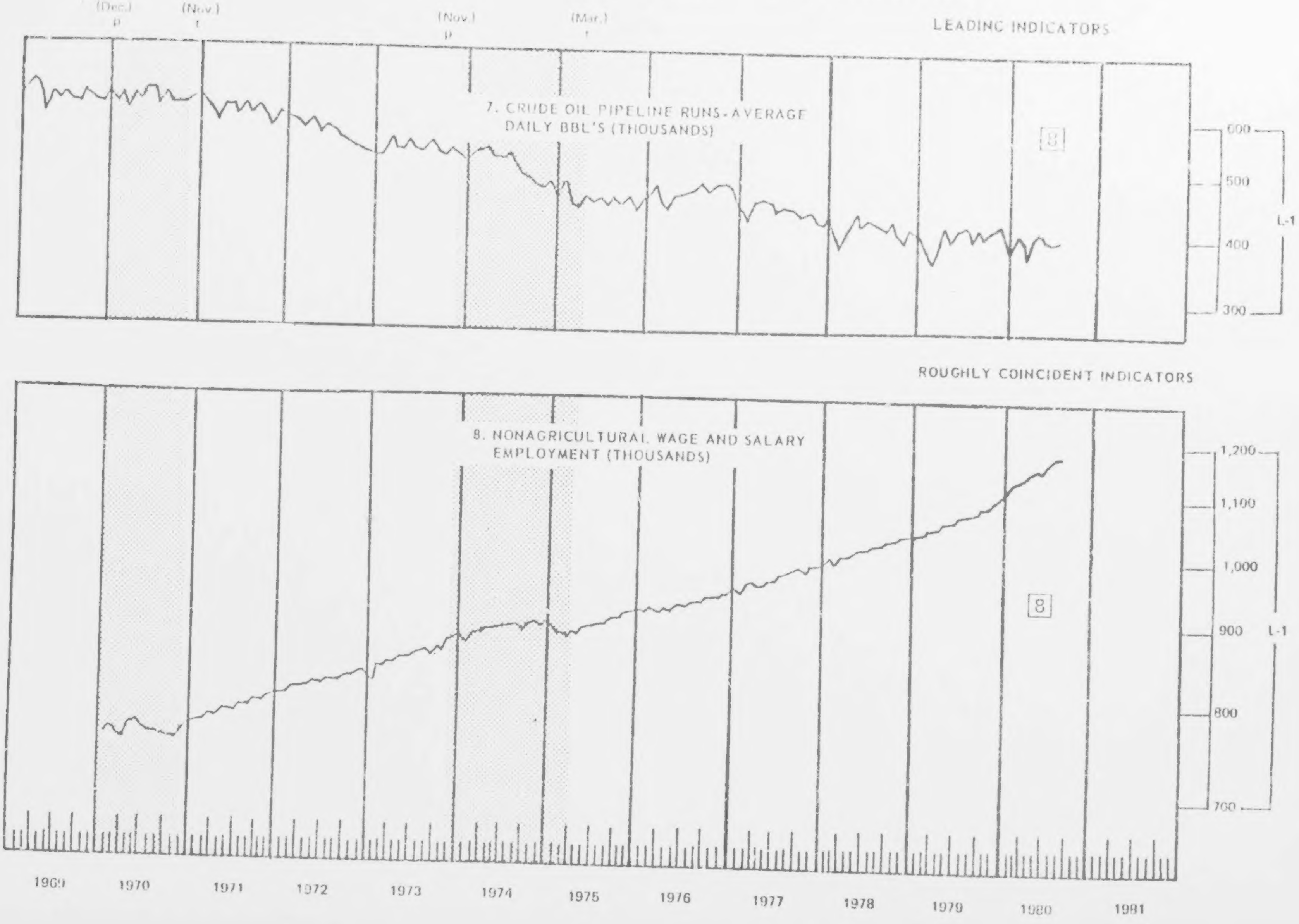


OKLAHOMA ECONOMIC INDICATORS

LEADING INDICATORS

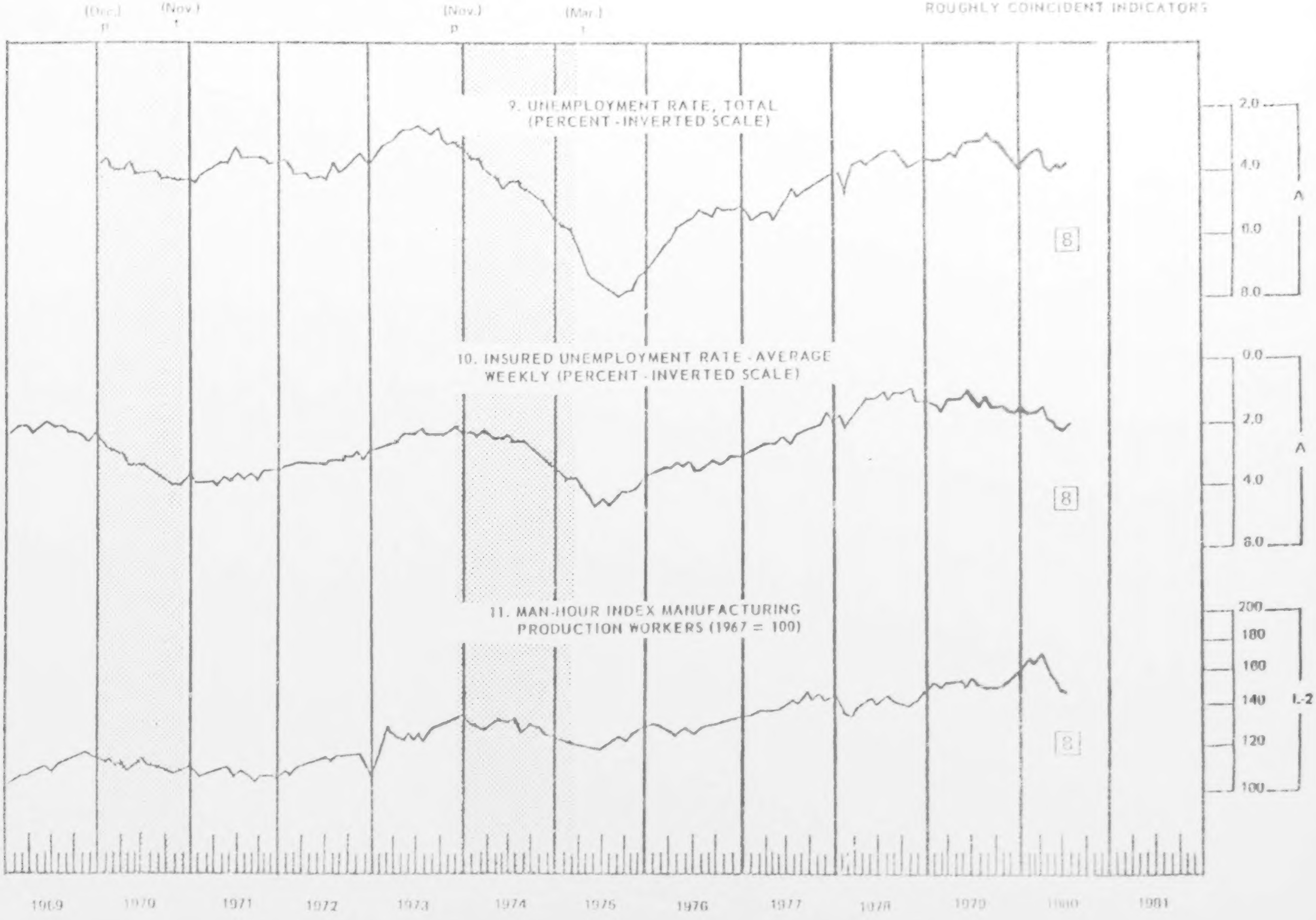


OKLAHOMA ECONOMIC INDICATORS

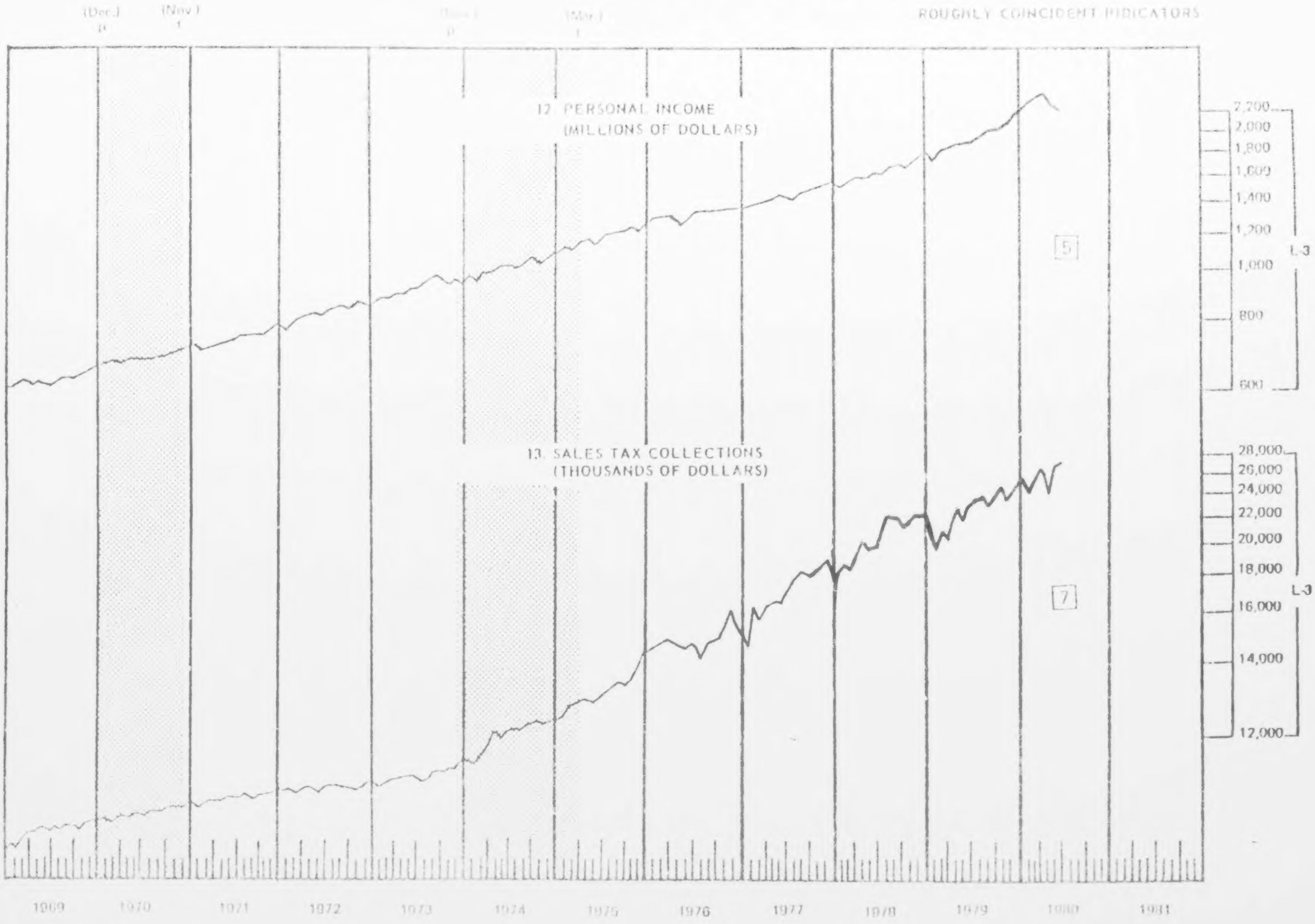


OKLAHOMA ECONOMIC INDICATORS

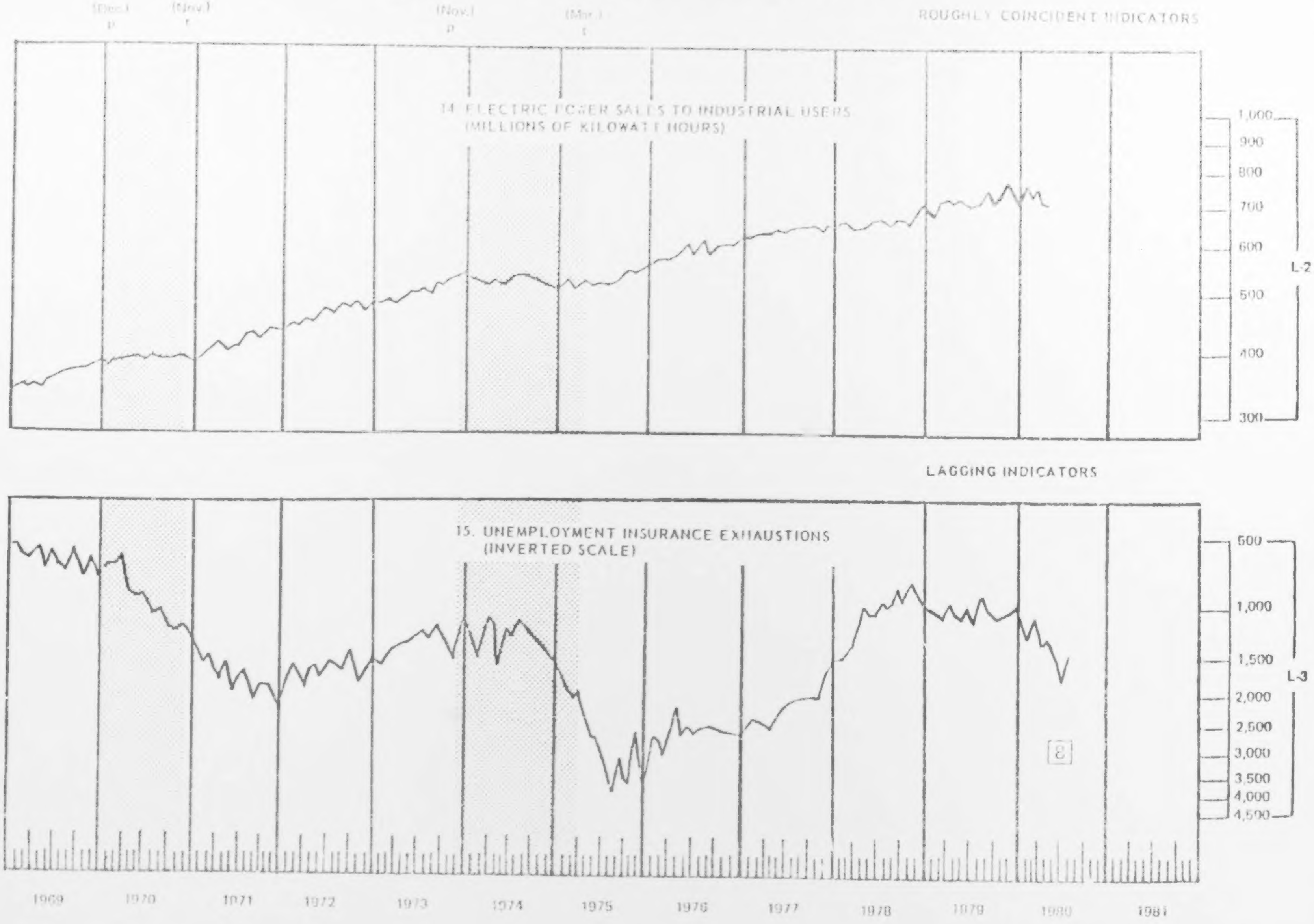
ROUGHLY COINCIDENT INDICATORS



OKLAHOMA ECONOMIC INDICATORS



OKLAHOMA ECONOMIC INDICATORS



LEADING INDICATORS

Date	1 Average Workweek Manufacturing Production Workers		2 Job Openings Received Nonagricultural		3 Job Placements Nonagricultural		4 Initial Claims Average Weekly		5 Construction Contracts Total Value		6 New Business Incorporations	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Hours)		(Number)		(Number)		(Number)		(Thousands of Dollars)		(Number)	
1979												
Jan.	40.3	40.3	12,206	16,517	10,707	14,372	4,086	2,541	116,523	141,928	313	370
Feb.	40.3	40.5	12,317	16,645	10,599	14,170	3,086	2,663	169,824	183,594	576	502
Mar.	40.4	40.5	15,825	15,653	14,797	13,946	2,000	2,105	175,097	142,124	637	596
Apr.	39.9	40.4	16,179	15,512	14,472	14,272	2,313	2,382	137,099	119,010	476	461
May	40.4	40.6	17,781	16,343	15,781	15,351	2,012	2,251	171,483	152,159	398	375
Jun.	40.3	40.3	22,003	17,150	19,305	14,570	1,907	2,128	178,468	170,620	439	443
Jul.	40.5	40.6	18,750	17,297	16,142	14,675	2,194	2,227	143,658	130,955	472	476
Aug.	40.4	40.3	19,620	15,810	17,430	14,287	1,894	2,233	151,637	155,685	376	324
Sep.	40.7	40.4	16,470	14,732	14,284	13,081	1,777	2,281	143,087	142,801	476	523
Oct.	40.4	40.5	17,987	15,709	15,933	14,239	2,050	2,214	145,499	156,282	412	474
Nov.	40.5	40.1	14,634	19,357	12,792	16,213	2,314	2,462	124,316	137,823	367	378
Dec.	41.3	40.8	11,279	15,039	9,812	12,911	2,542	2,433	133,305	169,169	563	600
1980												
Jan.	40.3	40.3	13,036	17,640	11,595	15,564	3,651	2,271	163,000	198,538	412	487
Feb.	40.0	40.2	12,856	17,373	10,614	14,190	2,420	2,088	149,400	161,514	400	348
Mar.	40.5	40.6	14,467	14,310	12,922	12,179	2,116	2,227	130,900	106,250	348	325
Apr.	40.2	40.7	15,292	14,662	13,788	13,598	3,412	3,514	138,900	120,573	476	449
May	40.1	40.3	14,417	13,251	13,010	12,656	3,406	3,810	123,600	109,672	479	484
Jun.	39.8	39.8	18,953	14,772	16,083	12,131	3,069	3,425	195,700	187,094		
Jul.	39.4	39.5	15,554	14,349	14,517	13,197	3,227	3,276	173,100	157,794		
Aug.	39.0*	38.9*	16,146	13,010	14,691	13,010	3,503	4,131	183,300	188,193		
Sep.												
Oct.												
Nov.												
Dec.												

* *Preliminary Data*

	LEADING INDICATORS		ROUGHLY COINCIDENT INDICATORS							
	7		8		9		10		11	
	Crude Oil Pipeline Runs, Average Daily Barrels		Nonagricultural Wage and Salary Employment		Unemployment Rate, Total		Insured Unemployment Rate Average Weekly		Man-hour Index Manufacturing Production Workers	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Thousands)		(Thousands)		(Percent)		(Percent)		(1967=100)	
1979										
Jan.	369.8	390.1	1,047.8	1,061.6	4.2	3.9	1.8	1.5	147.9	149.5
Feb.	388.6	391.3	1,049.8	1,062.6	4.1	3.8	2.0	1.6	147.9	149.8
Mar.	410.5	401.7	1,068.3	1,074.7	3.4	3.4	1.6	1.3	150.4	151.9
Apr.	403.8	397.5	1,075.3	1,076.4	3.5	3.5	1.3	1.3	150.3	152.4
May	404.0	403.0	1,085.2	1,080.9	3.1	3.3	1.2	1.2	152.7	154.1
Jun.	405.5	403.1	1,095.8	1,089.3	3.5	3.3	1.2	1.3	153.7	152.6
Jul.	391.9	393.4	1,094.7	1,098.0	3.5	3.3	1.3	1.4	153.8	154.4
Aug.	404.8	397.7	1,099.9	1,098.8	3.1	3.1	1.2	1.3	154.8	154.5
Sep.	396.8	395.2	1,108.1	1,101.5	3.2	3.3	1.1	1.4	155.5	154.7
Oct.	402.4	400.8	1,110.6	1,104.0	3.1	3.3	1.1	1.4	155.5	154.6
Nov.	399.4	401.8	1,116.2	1,110.6	3.3	3.4	1.3	1.5	158.7	155.4
Dec.	379.4	379.0	1,122.1	1,113.2	3.5	3.7	1.5	1.4	163.5	160.1
1980										
Jan.	363.7	383.7	1,104.3	1,118.8	3.7	3.5	1.8	1.5	159.6	161.4
Feb.	383.7	388.4	1,106.9	1,120.3	3.5	3.2	1.9	1.5	157.9	160.0
Mar.	379.6	371.4	1,120.0	1,126.8	3.3	3.3	1.7	1.4	159.4	161.0
Apr.	406.8	400.4	1,128.6	1,129.7	3.7	3.8	1.7	1.7	157.8	160.0
May	407.6	406.0	1,134.0	1,129.5	4.1	4.3	1.7	1.8	155.9	157.3
Jun.	399.3	396.9	1,142.2	1,136.0	4.4	4.1	1.9	2.0	153.9	152.8
Jul.	337.5	389.0	1,129.6	1,133.0	4.4	4.1	2.0	2.1	150.3	150.9
Aug.	400.1	393.6	1,133.9*	1,132.8*	4.2*	4.0*	1.8	1.9	149.6*	149.3*
Sep.										
Oct.										
Nov.										
Dec.										

* *Preliminary Data*

	ROUGHLY COINCIDENT INDICATORS						LAGGING INDICATORS	
	12		13		14		15	
	Personal Income		Sales Tax Collections		Electrical Power Sales to Industrial Users		Unemployment Insurance Exhaustions	
	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.	Unadj.	Adj.
	(Millions of dollars)		(Thousands of dollars)		(Millions of Kilowatt Hours)		(Number)	
1979								
Jan.	1,768	1,799	18,048	19,427	684	696	1,125	1,017
Feb.	1,785	1,818	19,683	21,797	701	714	1,113	1,086
Mar.	1,820	1,833	19,856	21,583	695	725	1,077	1,005
Apr.	1,835	1,854	22,804	23,175	718	716	1,095	1,075
May	1,859	1,865	22,649	22,559	718	724	1,257	1,100
Jun.	1,899	1,873	23,084	22,698	713	705	1,012	1,019
Jul.	1,923	1,904	24,396	23,755	732	719	1,192	1,210
Aug.	1,954	1,944	24,204	23,318	759	731	1,013	934
Sep.	1,971	1,951	22,728	22,261	753	719	802	966
Oct.	1,995	1,985	24,968	25,297	730	730	965	1,093
Nov.	2,060	1,985	23,340	23,600	748	752	901	969
Dec.	2,148	2,048	30,334	25,729	700	720	849	917
1980								
Jan.	2,227	2,266	23,221	24,996	728	742	1,384	1,251
Feb.	2,242	2,283	22,936	25,400	710	722	1,200	1,171
Mar.	2,290	2,313	24,219	26,325	702	732	1,280	1,194
Apr.	2,239	2,262	25,697	26,115	713	712	1,457	1,430
May	2,242	2,249	25,090	24,990	702	708	1,501	1,313
Jun.			27,093	26,640			1,497	1,508
Jul.			27,887	27,154			1,665	1,690
Aug.							1,544	1,423
Sep.								
Oct.								
Nov.								
Dec.								

* Preliminary Data

DESCRIPTION AND SOURCE OF TIME SERIES ANALYZED

Leading Indicators

1. **Average Workweek, Manufacturing Productions Workers.** Total hours of production, maintenance and related workers in Oklahoma's manufacturing industries during midweek of month divided by number of such workers. **Source: Oklahoma Employment Security Commission.**

2. **Job Openings Received, Nonagricultural.** Nonagricultural job openings placed by employers with the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

3. **Job Placements, Nonagricultural.** Total number of job placements other than in agriculture as made through the Oklahoma Employment Service. **Source: Oklahoma Employment Security Commission.**

4. **Initial Claims, Average Weekly.** Number of initial claims for unemployment insurance benefits filed each week, weighted according to working days in the week, totaled and divided by the number of such days to obtain the weekly average. **Source: Oklahoma Employment Security Commission.**

5. **Construction Contracts - Total Value.** Total dollar value of contracts awarded for combined residential and nonresidential building in Oklahoma. Non-building contracts are not included. **Source: F. W. Dodge Company.**

6. **New Business Incorporations.** Total number of new businesses incorporated in Oklahoma. All such organizations are required to register with the Secretary of State. **Source: Dun and Bradstreet, Inc.**

7. **Crude Oil Pipeline Runs.** Average number of barrels moved daily from the production site. **Source: Oklahoma Corporation Commission.**

Roughly Coincident Indicators

8. **Nonagricultural Wage and Salary Employment.** All wage and salary workers in Oklahoma except the self-employed, domestics in private households, unpaid family members and farm workers. **Source: Oklahoma Employment Security Commission.**

9. **Unemployment Rate, Total.** Percent of persons estimated to be unemployed in Oklahoma based on methods prescribed by U. S. Department of Labor. **Source: Oklahoma Employment Security Commission.**

10. **Insured Unemployment Rate - Average Weekly.** Number of persons filing continued claims for unemployment insurance benefits during average week of current month divided by average number of workers covered by unemployment insurance for the most recent available 12 month period. **Source: Oklahoma Employment Security Commission.**

11. **Man-Hour Index.** Total hours worked by manufacturing production workers in Oklahoma in relation to the base period of 1967=100 percent. **Source: Oklahoma Employment Security Commission.**

12. **Personal Income.** Current income received by individuals in Oklahoma from all sources. **Source: Business Week, McGraw-Hill Publications.**

13. **Sales Tax Collections.** State two percent sales tax collections for report month relate to month of actual sales. City sales taxes are not included. **Source: Oklahoma Tax Commission.**

14. **Electric Power Sales to Industrial Users.** Monthly total of kilowatt hours sold to industrial users in Oklahoma. **Source: Edison Electric Institute.**

Lagging Indicators

15. **Unemployment Insurance Exhaustions.** Number of unemployment compensation claimants who receive their maximum benefits in a benefit year before obtaining employment. **Source: Oklahoma Employment Security Commission.**